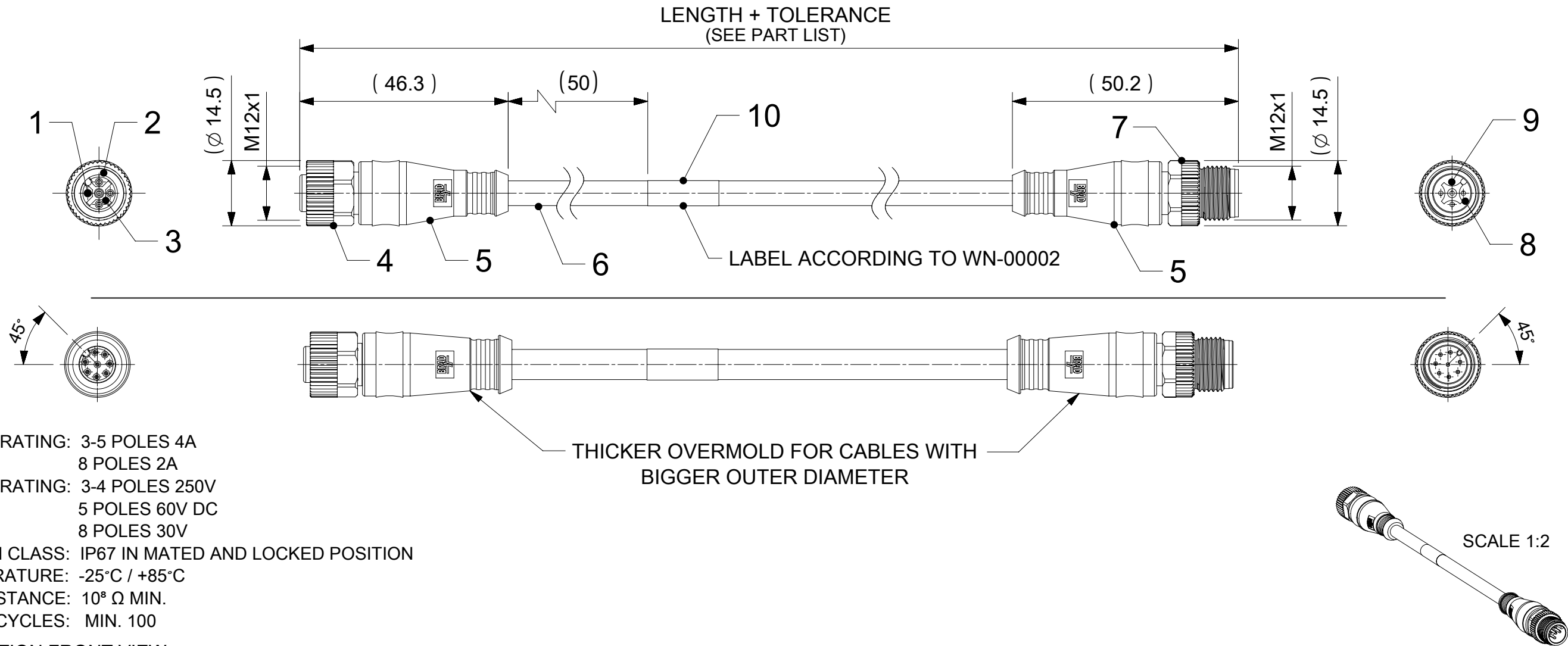


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



NOTES:  
CONTACT CURRENT RATING: 3-5 POLES 4A  
8 POLES 2A  
VOLTAGE RATING: 3-4 POLES 250V  
5 POLES 60V DC  
8 POLES 30V  
PROTECTION CLASS: IP67 IN MATED AND LOCKED POSITION  
TEMPERATURE: -25°C / +85°C  
INSULATION RESISTANCE: 10<sup>8</sup> Ω MIN.  
MATING CYCLES: MIN. 100

CONTACT POSITION FRONT VIEW:

| CABLE       | 3 POLES  |       | 4 POLES            |       | 5 POLES            |       | 5 POLES |                  | 8 POLES  |        |
|-------------|----------|-------|--------------------|-------|--------------------|-------|---------|------------------|----------|--------|
|             | B30, B55 |       | B30, B33, B36, B55 |       | B30, B33, B36, B55 |       | B42     |                  | B41, B49 |        |
| FEMALE      |          |       |                    |       |                    |       |         |                  |          |        |
|             |          |       |                    |       |                    |       |         |                  |          |        |
| MALE        |          |       |                    |       |                    |       |         |                  |          |        |
|             |          |       |                    |       |                    |       |         |                  |          |        |
| CONNECTIONS | PIN      | WIRE  | PIN                | WIRE  | PIN                | WIRE  | PIN     | WIRE             | PIN      | WIRE   |
|             | 1        | BROWN | 1                  | BROWN | 1                  | BROWN | 1       | BROWN            | 1        | WHITE  |
|             | 2        | ---   | 2                  | WHITE | 2                  | WHITE | 2       | WHITE            | 2        | BROWN  |
|             | 3        | BLUE  | 3                  | BLUE  | 3                  | BLUE  | 3       | BLUE             | 3        | GREEN  |
|             | 4        | BLACK | 4                  | BLACK | 4                  | BLACK | 4       | BLACK            | 4        | YELLOW |
|             | 5        | ---   | 5                  | ---   | 5                  | GREY  | 5       | GREEN/<br>YELLOW | 5        | GREY   |
|             |          |       |                    |       |                    |       |         |                  | 6        | PINK   |
|             |          |       |                    |       |                    |       |         |                  | 7        | BLUE   |
|             |          |       |                    |       |                    |       |         |                  | 8        | RED    |
|             |          |       |                    |       |                    |       |         |                  |          |        |

CODING REQUIRED TO IEC 61076-2-101

DOCUMENT STATUS P1 RELEASE DATE 2024/07/02 09:17:54

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

|      |           |                     |             |                            |
|------|-----------|---------------------|-------------|----------------------------|
| 10   | 1         | LABEL OR PRINTING   | VINYL / --- | ---                        |
| 9    | 3 / 4 / 5 | CONTACT M12 MALE    | COPPER      | SELECTIVE GOLD OVER NICKEL |
|      | 8         |                     | BRASS       | SELECTIVE GOLD OVER NICKEL |
| 8    | 1         | INSERT MALE BLACK   | TPU         | ---                        |
| 7    | 1         | COUPLING NUT MALE   | SEE SHEET 2 | SEE SHEET 2                |
| 6    | -         | CABLE               | SEE SHEET 2 | ---                        |
| 5    | -         | OVERMOULDING        | TPU         | SEE SHEET 2                |
| 4    | 1         | COUPLING NUT FEMALE | SEE SHEET 2 | SEE SHEET 2                |
| 3    | 1         | INSERT FEMALE BLACK | PUR         | ---                        |
| 2    | 1         | O-RING RED          | FPM         | ---                        |
| 1    | 3 / 4 / 5 | CONTACT M12 FEMALE  | BRONZE      | SELECTIVE GOLD OVER NICKEL |
|      | 8         |                     | BRASS       | SELECTIVE GOLD OVER NICKEL |
| ITEM | QTY.      | DESCRIPTION         | MATERIAL    | FINISH                     |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|                                                            |  |        |  |                                                                                                                                                                          |  |                  |  |                          |  |                 |  |                |  |              |  |          |  |
|------------------------------------------------------------|--|--------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--|--------------------------|--|-----------------|--|----------------|--|--------------|--|----------|--|
| DIMENSION UNITS                                            |  | SCALE  |  | CURRENT REV DESC: CHANGED DIMENSIONING<br>STYLE OF OVERALL LENGTH TO "END TO END".<br>ADDED B49 CABLE P/N'S & NOTES. SORTED PART<br>LIST USING CABLE TYPES ON SHEET 3&4. |  | <div>molex</div> |  |                          |  |                 |  |                |  |              |  |          |  |
| mm                                                         |  | 1:1    |  |                                                                                                                                                                          |  |                  |  |                          |  |                 |  |                |  |              |  |          |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |  |        |  | CSE M12 XP AC FE STR WSOR MA STR XM DE                                                                                                                                   |  |                  |  |                          |  |                 |  |                |  |              |  |          |  |
| ANGULAR TOL ± 1.0 °                                        |  |        |  |                                                                                                                                                                          |  |                  |  |                          |  |                 |  |                |  |              |  |          |  |
| 4 PLACES                                                   |  | ±      |  |                                                                                                                                                                          |  |                  |  |                          |  |                 |  |                |  |              |  |          |  |
| 3 PLACES                                                   |  | ±      |  | EC NO: 789428                                                                                                                                                            |  | 2023/03/08       |  | PRODUCT CUSTOMER DRAWING |  |                 |  |                |  |              |  |          |  |
| 2 PLACES                                                   |  | ± 0.05 |  | DRWN: AKABADI                                                                                                                                                            |  | 2024/07/02       |  |                          |  |                 |  |                |  |              |  |          |  |
| 1 PLACE                                                    |  | ± 0.3  |  | CHK'D: RSILLER                                                                                                                                                           |  | 2024/07/02       |  |                          |  |                 |  |                |  |              |  |          |  |
| 0 PLACES                                                   |  | ± 0.5  |  | APPR: RSILLER                                                                                                                                                            |  | 2024/07/02       |  | DOCUMENT NUMBER          |  |                 |  |                |  |              |  |          |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |        |  | THIRD ANGLE PROJECTION                                                                                                                                                   |  | DRAWING          |  | SERIES                   |  | 1200668993      |  | DOC TYPE       |  | DOC PART     |  | REVISION |  |
|                                                            |  |        |  |                                                                                                                                                                          |  |                  |  |                          |  | PSD             |  | 000            |  | B            |  |          |  |
|                                                            |  |        |  |                                                                                                                                                                          |  | A3-SIZE          |  | 120066                   |  | SEE SHEET 3 & 4 |  | GENERAL MARKET |  | SHEET NUMBER |  | 1 OF 4   |  |

**ENGINEERING NO. - NUMERICAL CODE** (Available parts see PART LIST table. Other parts available upon request).

## OPTIONS

8 8 X 0 3 0 X X X X X X X X

88=M12x1  
Double ended

Poles:  
3=3 Poles  
4=4 Poles  
5=5 Poles  
8=8 Poles

|                                                                   |
|-------------------------------------------------------------------|
| Heads style:<br>030=Plug Female Straight<br>to Plug Male Straight |
|-------------------------------------------------------------------|

Cable type: See Table

Units:  
M=Meter  
C=Centimeter  
T=10x Meter

Length  
Examples:  
005=0.5 units  
010=1 units  
020=1 units  
050=5 units  
100=10 units  
150=15 units  
200=20 units

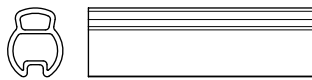
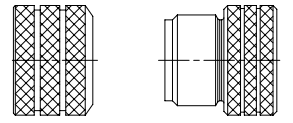
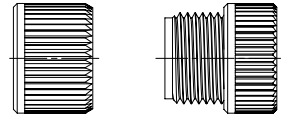
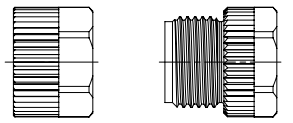
Overmold color:  
Blank (Standard)=Black  
A=Grey / G=Black / Y=Yellow / R=Red

Coupling Nut:  
Blank (Standard)=Knurled/Hex Brass, Ni Plated  
5=Knurled Derlin  
7=Knurled Brass Ni Plated, Teflon Coated

H= 2 pcs. of I/D Carrier PVC Transparent  
(Cable B36 always with  
2 pcs. I/D Carrier) \_\_\_\_\_

FEMALE

MALE

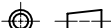


CABLE INFORMATION (for more information see Cable Data Sheet)

| CABLE TYPE | NO. OF WIRES | CROSS SECTION | CABLE JACKET | UL           | CSA                     | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAG CHAIN: TEMP. / BENDING RADIUS | DRAG CHAIN                             | CABLE PRODUCT SPECIFICATION | CABLE SPEC. DRAWING |
|------------|--------------|---------------|--------------|--------------|-------------------------|--------------------------------|---------------------------------|------------------------------------|----------------------------------------|-----------------------------|---------------------|
| B30        | 3 / 4 / 5    | 0.34mm²       | TPU Black    | UL 21215/758 | C22.2 I/II A/B 80°/600V | -40°C to +90°C<br>5xO.D.       | -25°C to +80°C<br>7.5xO.D.      | -5°C to +60°C<br>7.5xO.D.          | up to 5 000 000 cycles<br>at temp 20°C | 1552200001                  | SD-120209-001       |
| B33        | 4 / 5        | 0.34mm²       | TPU Gray     |              |                         |                                |                                 |                                    |                                        |                             | SD-120209-001       |
| B36        | 4 / 5        | 0.34mm²       | TPU Orange   |              |                         |                                |                                 |                                    |                                        |                             | SD-120209-001       |
| B41        | 8            | 0.25mm²       | TPU Black    |              |                         |                                |                                 |                                    |                                        |                             | SD-120209-006       |
| B42        | 5            | 0.34mm²       | TPU Black    |              |                         |                                |                                 |                                    |                                        |                             | SD-120209-001       |
| B49        | 8            | 0.25mm²       | TPU Orange   |              |                         |                                |                                 |                                    |                                        |                             | SD-120209-006       |
| B55        | 3 / 4 / 5    | 0.34mm²       | TPU Yellow   |              |                         |                                |                                 |                                    |                                        |                             | n/a                 |

## CABLE LENGTH TOLERANCES

| LENGTH   | TOLERANCE  |
|----------|------------|
| 0m-1m    | +40 mm     |
| >1m-5m   | +60 mm     |
| >5m-10m  | +80 mm     |
| >10m-20m | +140 mm    |
| >20m-30m | +160 mm    |
| >30m     | +1% length |

|                                                                                                                                               |  |                                                                                       |  |                                                                                                                                                                          |        |                 |                                                                    |                |  |              |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------|--------------------------------------------------------------------|----------------|--|--------------|----------|----------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                       |  |                                                                                                                                                                          |        |                 |                                                                    |                |  |              |          |          |
| DIMENSION UNITS                                                                                                                               |  | SCALE                                                                                 |  | CURRENT REV DESC: CHANGED DIMENSIONING<br>STYLE OF OVERALL LENGTH TO "END TO END".<br>ADDED B49 CABLE P/N'S & NOTES. SORTED PART<br>LIST USING CABLE TYPES ON SHEET 3&4. |        |                 | <div>molex</div> <div>CSE M12 XP AC FE STR WSOR MA STR XM DE</div> |                |  |              |          |          |
| mm                                                                                                                                            |  | 1:1                                                                                   |  |                                                                                                                                                                          |        |                 |                                                                    |                |  |              |          |          |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |                                                                                       |  |                                                                                                                                                                          |        |                 |                                                                    |                |  |              |          |          |
| ANGULAR TOL ± 1.0 °                                                                                                                           |  |                                                                                       |  |                                                                                                                                                                          |        |                 |                                                                    |                |  |              |          |          |
| 4 PLACES ±                                                                                                                                    |  |                                                                                       |  | EC NO: 789428                                                                                                                                                            |        |                 | PRODUCT CUSTOMER DRAWING                                           |                |  |              |          |          |
| 3 PLACES ±                                                                                                                                    |  |                                                                                       |  | DRWN: AKABADI 2023/03/08                                                                                                                                                 |        |                 |                                                                    |                |  |              |          |          |
| 2 PLACES ± 0.05                                                                                                                               |  |                                                                                       |  | CHK'D: RSILLER 2024/07/02                                                                                                                                                |        |                 |                                                                    |                |  |              |          |          |
| 1 PLACES ± 0.3                                                                                                                                |  |                                                                                       |  | APPR: RSILLER 2024/07/02                                                                                                                                                 |        |                 | DOCUMENT NUMBER<br><div>1200668993</div>                           |                |  |              |          |          |
| 0 PLACES ± 0.5                                                                                                                                |  |                                                                                       |  | INITIAL REVISION:                                                                                                                                                        |        |                 |                                                                    |                |  | DOC TYPE     | DOC PART | REVISION |
|                                                                                                                                               |  |                                                                                       |  | DRWN: JMARSZALEK 2016/07/22                                                                                                                                              |        |                 |                                                                    |                |  | PSD          | 000      | B        |
|                                                                                                                                               |  |                                                                                       |  | APPR: RSILLER 2016/08/29                                                                                                                                                 |        |                 |                                                                    |                |  |              |          |          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING                                                                                                                                                                  | SERIES | MATERIAL NUMBER |                                                                    | CUSTOMER       |  | SHEET NUMBER |          |          |
|                                                                                                                                               |  |  |  | A3-SIZE                                                                                                                                                                  | 120066 | SEE SHEET 3 & 4 |                                                                    | GENERAL MARKET |  | 2 OF 4       |          |          |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/02 | 09:17:54 |
|-----------------|----|--------------|------------|----------|



|                                                                                                                      | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 9              | 8          | 7          | 6              | 5      | 4            | 3              | 2    | 1          |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|------------|----------------|--------|--------------|----------------|------|------------|-----------------|------|--------------|---------------|----------|------------|----------------|-------|------------|---------------|-------|--------------|----------------|------|------------|---------------|------|------------|----------------|------|------------|----------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------|----------------|--------|--------------|---------------|------|------------|----------------|-------|------------|----------------|-------|------------|----------------|-------|--------------|----------------|------|------------|----------------|------|------------|----------------|------|------------|----------------|------|------------|----------------|------|------------|----------------|------|------------|----------------|------|------------|----------------|-------|------------|----------------|-------|------------|----------------|-------|------------|----------------|-------|------------|----------------|-------|------------|----------------|-------|------------|----------------|-------|--|--|--|--|
| F                                                                                                                    | PART LIST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |            |            |                |        |              |                |      |            | F               |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| E                                                                                                                    | <table><tr><th>MOLEX PN</th><th>ENGINEERING No</th><th>L [mm]</th></tr><tr><td colspan="3">8P CABLE B41</td></tr><tr><td>1200668895</td><td>888030B41M006</td><td>600</td></tr><tr><td>1200668896</td><td>888030B41M010</td><td>1000</td></tr><tr><td>1200665461</td><td>888030B41M010R</td><td>1000</td></tr><tr><td>1200668897</td><td>888030B41M020</td><td>2000</td></tr><tr><td>1200665462</td><td>888030B41M020R</td><td>2000</td></tr><tr><td>1200668898</td><td>888030B41M030</td><td>3000</td></tr><tr><td>1200665463</td><td>888030B41M030R</td><td>3000</td></tr><tr><td>1200665464</td><td>888030B41M040R</td><td>4000</td></tr></table> |                |            | MOLEX PN   | ENGINEERING No | L [mm] | 8P CABLE B41 |                |      | 1200668895 | 888030B41M006   | 600  | 1200668896   | 888030B41M010 | 1000     | 1200665461 | 888030B41M010R | 1000  | 1200668897 | 888030B41M020 | 2000  | 1200665462   | 888030B41M020R | 2000 | 1200668898 | 888030B41M030 | 3000 | 1200665463 | 888030B41M030R | 3000 | 1200665464 | 888030B41M040R | 4000 | <table><tr><th>MOLEX PN</th><th>ENGINEERING No</th><th>L [mm]</th></tr><tr><td colspan="3">4P CABLE B55</td></tr><tr><td>1200669734</td><td>884030B55M005Y</td><td>500</td></tr><tr><td>1200669618</td><td>884030B55M010Y</td><td>1000</td></tr><tr><td>1200669263</td><td>884030B55M020Y</td><td>2000</td></tr><tr><td>1200669264</td><td>884030B55M030Y</td><td>3000</td></tr><tr><td>1200669265</td><td>884030B55M040Y</td><td>4000</td></tr><tr><td>1200669266</td><td>884030B55M050Y</td><td>5000</td></tr><tr><td>1200669267</td><td>884030B55M060Y</td><td>6000</td></tr><tr><td>1200669418</td><td>884030B55M070Y</td><td>7000</td></tr><tr><td>1200657251</td><td>884030B55M080Y</td><td>8000</td></tr><tr><td>1200657252</td><td>884030B55M090Y</td><td>9000</td></tr><tr><td>1200669268</td><td>884030B55M100Y</td><td>10000</td></tr><tr><td>1200669269</td><td>884030B55M120Y</td><td>12000</td></tr><tr><td>1200669270</td><td>884030B55M150Y</td><td>15000</td></tr><tr><td>1200657253</td><td>884030B55M160Y</td><td>16000</td></tr><tr><td>1200669271</td><td>884030B55M200Y</td><td>20000</td></tr><tr><td>1200669742</td><td>884030B55M250Y</td><td>25000</td></tr><tr><td>1200669743</td><td>884030B55M300Y</td><td>30000</td></tr></table> |  |  | MOLEX PN   | ENGINEERING No | L [mm] | 4P CABLE B55 |               |      | 1200669734 | 884030B55M005Y | 500   | 1200669618 | 884030B55M010Y | 1000  | 1200669263 | 884030B55M020Y | 2000  | 1200669264   | 884030B55M030Y | 3000 | 1200669265 | 884030B55M040Y | 4000 | 1200669266 | 884030B55M050Y | 5000 | 1200669267 | 884030B55M060Y | 6000 | 1200669418 | 884030B55M070Y | 7000 | 1200657251 | 884030B55M080Y | 8000 | 1200657252 | 884030B55M090Y | 9000 | 1200669268 | 884030B55M100Y | 10000 | 1200669269 | 884030B55M120Y | 12000 | 1200669270 | 884030B55M150Y | 15000 | 1200657253 | 884030B55M160Y | 16000 | 1200669271 | 884030B55M200Y | 20000 | 1200669742 | 884030B55M250Y | 25000 | 1200669743 | 884030B55M300Y | 30000 |  |  |  |  |
|                                                                                                                      | MOLEX PN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ENGINEERING No | L [mm]     |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 8P CABLE B41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668895                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M006  | 600        |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668896                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M010  | 1000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200665461                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M010R | 1000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668897                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M020  | 2000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200665462                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M020R | 2000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668898                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M030  | 3000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200665463                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M030R | 3000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200665464                                                                                                           | 888030B41M040R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| MOLEX PN                                                                                                             | ENGINEERING No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | L [mm]         |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 4P CABLE B55                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669734                                                                                                           | 884030B55M005Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500            |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669618                                                                                                           | 884030B55M010Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669263                                                                                                           | 884030B55M020Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669264                                                                                                           | 884030B55M030Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669265                                                                                                           | 884030B55M040Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669266                                                                                                           | 884030B55M050Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669267                                                                                                           | 884030B55M060Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669418                                                                                                           | 884030B55M070Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200657251                                                                                                           | 884030B55M080Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200657252                                                                                                           | 884030B55M090Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669268                                                                                                           | 884030B55M100Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669269                                                                                                           | 884030B55M120Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669270                                                                                                           | 884030B55M150Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200657253                                                                                                           | 884030B55M160Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669271                                                                                                           | 884030B55M200Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669742                                                                                                           | 884030B55M250Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 25000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669743                                                                                                           | 884030B55M300Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| D                                                                                                                    | <table><tr><td>1200668899</td><td>888030B41M050</td><td>5000</td></tr><tr><td>1200665465</td><td>888030B41M050R</td><td>5000</td></tr><tr><td>1200669177</td><td>888030B41M090</td><td>9000</td></tr><tr><td>1200668900</td><td>888030B41M100</td><td>10000</td></tr><tr><td>1200669567</td><td>888030B41M150</td><td>15000</td></tr><tr><td>1200669568</td><td>888030B41M200</td><td>20000</td></tr><tr><td colspan="3">5P CABLE B42</td></tr><tr><td>1200668823</td><td>885030B42M006</td><td>600</td></tr><tr><td>1200668824</td><td>885030B42M010</td><td>1000</td></tr><tr><td>1200668825</td><td>885030B42M020</td><td>2000</td></tr></table>  |                |            | 1200668899 | 888030B41M050  | 5000   | 1200665465   | 888030B41M050R | 5000 | 1200669177 | 888030B41M090   | 9000 | 1200668900   | 888030B41M100 | 10000    | 1200669567 | 888030B41M150  | 15000 | 1200669568 | 888030B41M200 | 20000 | 5P CABLE B42 |                |      | 1200668823 | 885030B42M006 | 600  | 1200668824 | 885030B42M010  | 1000 | 1200668825 | 885030B42M020  | 2000 | <table><tr><td>1200668826</td><td>885030B42M030</td><td>3000</td></tr><tr><td>1200668827</td><td>885030B42M050</td><td>5000</td></tr><tr><td>1200668828</td><td>885030B42M100</td><td>10000</td></tr><tr><td>1200659548</td><td>885030B42M150</td><td>15000</td></tr><tr><td>1200659549</td><td>885030B42M200</td><td>20000</td></tr><tr><td colspan="3">8P CABLE B49</td></tr><tr><td>1200669112</td><td>888030B49M038Y</td><td>3800</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  | 1200668826 | 885030B42M030  | 3000   | 1200668827   | 885030B42M050 | 5000 | 1200668828 | 885030B42M100  | 10000 | 1200659548 | 885030B42M150  | 15000 | 1200659549 | 885030B42M200  | 20000 | 8P CABLE B49 |                |      | 1200669112 | 888030B49M038Y | 3800 |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668899                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M050  | 5000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200665465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M050R | 5000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200669177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M090  | 9000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M100  | 10000      |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200669567                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M150  | 15000      |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200669568                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 888030B41M200  | 20000      |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 5P CABLE B42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668823                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 885030B42M006  | 600        |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      | 1200668824                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 885030B42M010  | 1000       |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200668825                                                                                                           | 885030B42M020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200668826                                                                                                           | 885030B42M030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200668827                                                                                                           | 885030B42M050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5000           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200668828                                                                                                           | 885030B42M100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200659548                                                                                                           | 885030B42M150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200659549                                                                                                           | 885030B42M200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20000          |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 8P CABLE B49                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| 1200669112                                                                                                           | 888030B49M038Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3800           |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
| C                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
|                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |            |            |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
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| DOCUMENT STATUS                                                                                                      | P1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | RELEASE DATE   | 2024/07/02 | 09:17:54   |                |        |              |                |      |            |                 |      |              |               |          |            |                |       |            |               |       |              |                |      |            |               |      |            |                |      |            |                |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |            |                |        |              |               |      |            |                |       |            |                |       |            |                |       |              |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |      |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |            |                |       |  |  |  |  |
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| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                                                                                                                                                                                 |                                                      |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| <table><tr><td>DIMENSION UNITS</td><td>SCALE</td></tr><tr><td>mm</td><td>1:1</td></tr></table>                                                                                                                                                                                                                                                | DIMENSION UNITS                                      | SCALE                  | mm          | 1:1             | <table><tr><td>CURRENT REV DESC: CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END".<br/>ADDED B49 CABLE P/N'S &amp; NOTES. SORTED PART LIST USING CABLE TYPES ON SHEET 3&amp;4.</td></tr><tr><td>EC NO: 789428<br/>DRWN: AKABADI<br/>CHK'D: RSILLER<br/>APPR: RSILLER</td></tr><tr><td>INITIAL REVISION:<br/>DRWN: JMARSZALEK<br/>APPR: RSILLER</td></tr></table> | CURRENT REV DESC: CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END".<br>ADDED B49 CABLE P/N'S & NOTES. SORTED PART LIST USING CABLE TYPES ON SHEET 3&4. | EC NO: 789428<br>DRWN: AKABADI<br>CHK'D: RSILLER<br>APPR: RSILLER | INITIAL REVISION:<br>DRWN: JMARSZALEK<br>APPR: RSILLER |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| DIMENSION UNITS                                                                                                                                                                                                                                                                                                                               | SCALE                                                |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| mm                                                                                                                                                                                                                                                                                                                                            | 1:1                                                  |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
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| EC NO: 789428<br>DRWN: AKABADI<br>CHK'D: RSILLER<br>APPR: RSILLER                                                                                                                                                                                                                                                                             |                                                      |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| INITIAL REVISION:<br>DRWN: JMARSZALEK<br>APPR: RSILLER                                                                                                                                                                                                                                                                                        |                                                      |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| <table><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td>ANGULAR TOL</td><td>± 1.0 °</td></tr><tr><td>4 PLACES</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td></tr><tr><td>2 PLACES</td><td>± 0.05</td></tr><tr><td>1 PLACE</td><td>± 0.3</td></tr><tr><td>0 PLACES</td><td>± 0.5</td></tr></table>               | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                        | ANGULAR TOL | ± 1.0 °         | 4 PLACES                                                                                                                                                                                                                                                                                                                                                                     | ±                                                                                                                                                                  | 3 PLACES                                                          | ±                                                      | 2 PLACES | ± 0.05  | 1 PLACE | ± 0.3           | 0 PLACES       | ± 0.5  | <table><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>1200668993</td><td>PSD</td><td>000</td><td>B</td></tr></table> | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | 1200668993 | PSD | 000 | B |
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| ANGULAR TOL                                                                                                                                                                                                                                                                                                                                   | ± 1.0 °                                              |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| 4 PLACES                                                                                                                                                                                                                                                                                                                                      | ±                                                    |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| 3 PLACES                                                                                                                                                                                                                                                                                                                                      | ±                                                    |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| 2 PLACES                                                                                                                                                                                                                                                                                                                                      | ± 0.05                                               |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| 1 PLACE                                                                                                                                                                                                                                                                                                                                       | ± 0.3                                                |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
| 0 PLACES                                                                                                                                                                                                                                                                                                                                      | ± 0.5                                                |                        |             |                 |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                    |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |
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|                                                                                                                                                                                                                                                                                                                                               |                                                      | A3-SIZE                | 120066      | SEE SHEET 3 & 4 | GENERAL MARKET                                                                                                                                                                                                                                                                                                                                                               | 4 OF 4                                                                                                                                                             |                                                                   |                                                        |          |         |         |                 |                |        |                                                                                                                                                                   |                 |          |          |          |            |     |     |   |