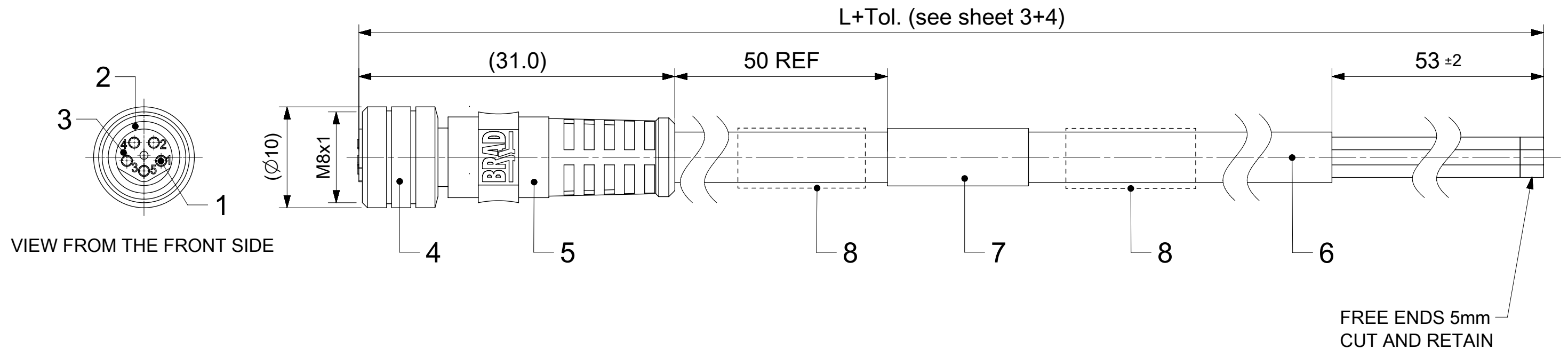


## FEMALE PLUG M8 STRAIGHT



NOTES:

**RATED VOLTAGE:** 3 contacts 60V AC/DC

4 and 5 contacts 30V AC/DC

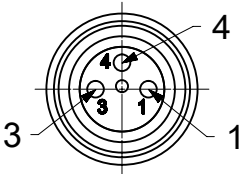
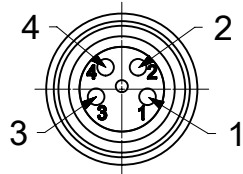
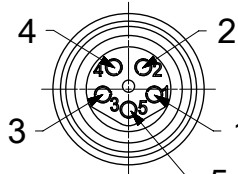
CURRENT RATING: 3, 4, 5 contacts 3A

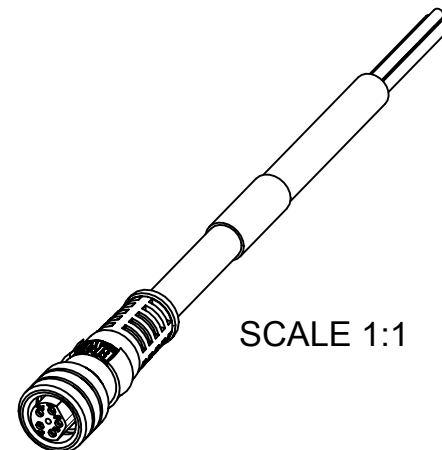
PROTECTION CLASS: IP 67

TEMPERATURE: -25°C / +80°C

PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

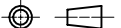
## CONTACTS POSITION FRONT VIEW:

|                                     |     |       | 3 CONTACTS                                                                          | 4 CONTACTS                                                                          | 5 CONTACTS                                                                           |       |
|-------------------------------------|-----|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------|
| FEMALE                              |     |       |  |  |  |       |
|                                     | PIN | WIRE  | PIN                                                                                 | WIRE                                                                                | PIN                                                                                  | WIRE  |
|                                     | 1   | BROWN | 1                                                                                   | BROWN                                                                               | 1                                                                                    | BROWN |
|                                     | 3   | BLUE  | 2                                                                                   | WHITE                                                                               | 2                                                                                    | WHITE |
|                                     | 4   | BLACK | 3                                                                                   | BLUE                                                                                | 3                                                                                    | BLUE  |
|                                     |     | 4     | BLACK                                                                               | 4                                                                                   | BLACK                                                                                |       |
|                                     |     |       |                                                                                     | 5                                                                                   | GREY                                                                                 |       |
| CODING ACCORDING TO IEC 61076-2-104 |     |       |                                                                                     |                                                                                     |                                                                                      |       |



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

|      |           |                          |             |                      |
|------|-----------|--------------------------|-------------|----------------------|
| 8    | 2         | I/D CARRIER (SEE MATRIX) | ---         | ---                  |
| 7    | 1         | LABEL YELLOW             | VINYL       | ---                  |
|      | -         | PRINTING FOR CABLES Ixx  | ---         | ---                  |
| 6    | -         | CABLE                    | SEE SHEET 2 | ---                  |
| 5    | -         | OVERMOULDING             | TPU         | SEE SHEET 2          |
| 4    | 1         | COUPLING NUT M8 FEMALE   | BRASS       | SEE SHEET 2          |
| 3    | 1         | INSERT FEMALE BLACK      | TPU         | ---                  |
| 2    | 1         | O-RING RED               | FKM         | ---                  |
| 1    | 3 / 4 / 5 | CONTACT M8 FEMALE        | COPPER      | SELECTIVE Au OVER Ni |
| ITEM | QTY.      | DESCRIPTION              | MATERIAL    | FINISH               |

|                                                            |                                                                                                                                               |  |        |                                                                                       |                                                            |         |                                 |        |          |                 |          |                |          |              |  |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|---------------------------------------------------------------------------------------|------------------------------------------------------------|---------|---------------------------------|--------|----------|-----------------|----------|----------------|----------|--------------|--|
| FUNCTIONAL SYMBOLS                                         | 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: PACKAGING SPEC ADDED,<br>NEW P/N'S ADDED |         | <div>molex</div>                |        |          |                 |          |                |          |              |  |
|                                                            | mm                                                                                                                                            |  | 2:1    |                                                                                       |                                                            |         |                                 |        |          |                 |          |                |          |              |  |
|                                                            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |        |                                                                                       |                                                            |         | M8 SINGLE ENDED FEMALE STRAIGHT |        |          |                 |          |                |          |              |  |
| ANGULAR TOL ± 1.0 °                                        |                                                                                                                                               |  |        |                                                                                       |                                                            |         |                                 |        |          |                 |          |                |          |              |  |
| DIVISIONAL SYMBOLS                                         | 4 PLACES                                                                                                                                      |  | ±      |                                                                                       | EC NO: 770174                                              |         | PRODUCT CUSTOMER DRAWING        |        |          |                 |          |                |          |              |  |
|                                                            | 3 PLACES                                                                                                                                      |  | ±      |                                                                                       | DRWN: RSCHIEBER 2023/10/18                                 |         |                                 |        |          |                 |          |                |          |              |  |
|                                                            | 2 PLACES                                                                                                                                      |  | ± 0.05 |                                                                                       | CHK'D: RSILLER 2023/11/30                                  |         |                                 |        |          |                 |          |                |          |              |  |
|                                                            | INITIAL REVISION:                                                                                                                             |  |        |                                                                                       | APPR: RSILLER 2023/11/30                                   |         | DOCUMENT NUMBER                 |        | DOC TYPE |                 | DOC PART |                | REVISION |              |  |
|                                                            | 1 PLACE                                                                                                                                       |  | ± 0.3  |                                                                                       | DRWN: AKONDRACIUK 2017/02/16                               |         | 1200860594                      |        | PSD      |                 | 000      |                | A10      |              |  |
|                                                            | 0 PLACES                                                                                                                                      |  | ± 0.5  |                                                                                       | APPR: MIWASIECZKO 2017/11/16                               |         |                                 |        |          |                 |          |                |          |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                               |  |        | THIRD ANGLE PROJECTION                                                                |                                                            | DRAWING |                                 | SERIES |          | MATERIAL NUMBER |          | CUSTOMER       |          | SHEET NUMBER |  |
|                                                            |                                                                                                                                               |  |        |  |                                                            | A3-SIZE |                                 | 120086 |          | SEE PART LIST   |          | GENERAL MARKET |          | 1 OF 4       |  |

## F

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D

## C

BA

|                                                               |   |   |   |   |   |   |   |   |   |
|---------------------------------------------------------------|---|---|---|---|---|---|---|---|---|
| FORMAT: master-ib-prod-A3<br>REVISION: J1<br>DATE: 2021/05/01 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---------------------------------------------------------------|---|---|---|---|---|---|---|---|---|

|           |      |            |                 |              |      |            |                 |              |      |            |                 |              |      |            |                 |              |  |   |  |  |  |
|-----------|------|------------|-----------------|--------------|------|------------|-----------------|--------------|------|------------|-----------------|--------------|------|------------|-----------------|--------------|--|---|--|--|--|
| 10        |      | 9          |                 | 8            |      | 7          |                 | 6            |      | 5          |                 | 4            |      | 3          |                 | 2            |  | 1 |  |  |  |
| PART LIST |      |            |                 |              |      |            |                 |              |      |            |                 |              |      |            |                 |              |  |   |  |  |  |
| F         | Pos. | Part. No   | Engineering No. | Cable Length | Pos. | Part. No   | Engineering No. | Cable Length | Pos. | Part. No   | Engineering No. | Cable Length | Pos. | Part. No   | Engineering No. | Cable Length |  |   |  |  |  |
|           | 1    | 1200270066 | 403000E02M020   | 2m           | 36   | 1200868266 | 403000E02M045   | 4.5m         | 71   | 1200271409 | 403000H08M010   | 1m           | 106  | 1200868275 | 403000P02M002   | 0.2m         |  |   |  |  |  |
|           | 2    | 1200270067 | 403000E02M030   | 3m           | 37   | 1200868267 | 403000E02M0501  | 5m           | 72   | 1200271442 | 403000H08M020G  | 2m           | 107  | 1200868276 | 403000P02M002G  | 0.2m         |  |   |  |  |  |
|           | 3    | 1200270068 | 403000E02M050   | 5m           | 38   | 1200868268 | 403000E02M060   | 6m           | 73   | 1200868045 | 403000H08M020   | 2m           | 108  | 1200868277 | 403000P02M003   | 0.3m         |  |   |  |  |  |
|           | 4    | 1200270070 | 403000E02M100   | 10m          | 39   | 1200868339 | 404000E02C200   | 2m           | 74   | 1200868053 | 404000H08M050   | 5m           | 109  | 1200868278 | 403000P02M003G  | 0.3m         |  |   |  |  |  |
|           | 5    | 1200270127 | 404000E02M020   | 2m           | 40   | 1200868340 | 404000E02M015   | 1.5m         | 75   | 1200868060 | 404000H08M030   | 3m           | 110  | 1200868279 | 403000P02M005   | 0.5m         |  |   |  |  |  |
|           | 6    | 1200270129 | 404000E02M050   | 5m           | 41   | 1200868341 | 404000E02M0201  | 2m           | 76   | 1200868101 | 403000H08M050   | 5m           | 111  | 1200868280 | 403000P02M006   | 0.6m         |  |   |  |  |  |
|           | 7    | 1200270131 | 404000E02M100   | 10m          | 42   | 1200868342 | 404000E02M040   | 4m           | 77   | 1200868115 | 403000H08M100   | 10m          | 112  | 1200868281 | 403000P02M010   | 1m           |  |   |  |  |  |
|           | 8    | 1200270132 | 404000E02M150   | 15m          | 43   | 1200868343 | 404000E02M0501  | 5m           | 78   | 1200868116 | 403000H08M200   | 20m          | 113  | 1200868282 | 403000P02M012   | 1.2m         |  |   |  |  |  |
|           | 9    | 1200270133 | 404000E02M200   | 20m          | 44   | 1200868344 | 404000E02M080   | 8m           | 79   | 1200868117 | 404000H08M100   | 10m          | 114  | 1200868283 | 403000P02M018   | 1.8m         |  |   |  |  |  |
| E         | 10   | 1200270400 | 403000E02M010   | 1m           | 45   | 1200868345 | 404000E02M110   | 11m          | 80   | 1200868118 | 404000H08M200   | 20m          | 115  | 1200868284 | 403000P02M022   | 2.2m         |  |   |  |  |  |
|           | 11   | 1200270549 | 404000E02M010   | 1m           | 46   | 1200868346 | 404000E02M170   | 17m          | 81   | 1200868122 | 403000H08M030   | 3m           | 116  | 1200868285 | 403000P02M030   | 3m           |  |   |  |  |  |
|           | 12   | 1200271410 | 403000E02M012   | 1.2m         | 47   | 1200868347 | 404000E02M210   | 21m          | 82   | 1200868162 | 404000H08M040   | 4m           | 117  | 1200868286 | 403000P02M032   | 3.2m         |  |   |  |  |  |
|           | 13   | 1200271417 | 403000E02M006   | 0.6m         | 48   | 1200868348 | 404000E02M250   | 25m          | 83   | 1200868207 | 404000H08M020   | 2m           | 118  | 1200868287 | 403000P02M035   | 3.5m         |  |   |  |  |  |
|           | 14   | 1200271418 | 403000E02M015   | 1.5m         | 49   | 1200868423 | 403000E02M1001  | 10m          | 84   | 1200868209 | 403000H08M015   | 1.5m         | 119  | 1200868288 | 403000P02M040   | 4m           |  |   |  |  |  |
| D         | 15   | 1200271419 | 403000E02M025   | 2.5m         | 50   | 1200868442 | 403000E02M020Y  | 2m           | 85   | 1200868214 | 403000H08M005   | 0.5m         |      |            |                 |              |  |   |  |  |  |

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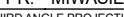
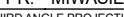
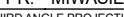
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PART LIST

| Pos. | Part. No   | Engineering No  | Cable Length |
|------|------------|-----------------|--------------|
| 141  | 1200270084 | 403000I02M100   | 10m          |
| 142  | 1200270148 | 404000I02M020   | 2m           |
| 143  | 1200270149 | 404000I02M050   | 5m           |
| 144  | 1200270360 | 404000I02M100   | 10m          |
| 145  | 1200860041 | 404000I02M030   | 3m           |
| 146  | 1200868269 | 403000I02M005   | 0.5m         |
| 147  | 1200868270 | 403000I02M006   | 0.6m         |
| 148  | 1200868271 | 403000I02M010   | 1m           |
| 149  | 1200868272 | 403000I02M025   | 2.5m         |
| 150  | 1200868273 | 403000I02M150   | 15m          |
| 151  | 1200868349 | 404000I02M003   | 0.3m         |
| 152  | 1200868445 | 403000I02M030Y  | 3m           |
| 153  | 1200868446 | 403000I02M050Y  | 5m           |
| 154  | 1200868447 | 403000I02M100Y  | 10m          |
| 155  | 1200868455 | 404000I02M020Y  | 2m           |
| 156  | 1200868456 | 404000I02M050Y  | 5m           |
| 157  | 1200868460 | 404000I02M100Y  | 10m          |
| 158  | 1200868507 | 403000I02M020Y  | 2m           |
| 159  | 1200868566 | 404000I02M030Y  | 3m           |
| 160  | 1200270032 | 403000P82M050   | 5m           |
| 161  | 1200271180 | 403000P82M020   | 2m           |
| 162  | 1200868183 | 403000P82M0507  | 5m           |
| 163  | 1200868192 | 403000P82M0207  | 2m           |
| 164  | 1200868212 | 403000P82M005   | 0.5m         |
| 165  | 1200868233 | 403000P82M010   | 1m           |
| 166  | 1200868420 | 403000P82M1007  | 10m          |
| 167  | 1200868470 | 403000P82M0207Y | 2m           |
| 168  | 1200868482 | 403000P82M010Y  | 1m           |
| 169  | 1200271449 | 403000P18M070   | 7m           |
| 170  | 1200860101 | 403000A10M015   | 1.5m         |
| 171  | 1200860102 | 403000A10M020   | 2m           |
| 172  | 1200860107 | 403000A10M050   | 5m           |
| 173  | 1200860111 | 403000A10M100   | 10m          |
| 174  | 1200860112 | 403000A10M150   | 15m          |
| 175  | 1200860144 | 404000A10M020   | 2m           |

| Pos. | Part. No   | Engineering No | Cable Length |
|------|------------|----------------|--------------|
| 176  | 1200860145 | 404000A10M030  | 3m           |
| 177  | 1200860147 | 404000A10M050  | 5m           |
| 178  | 1200860155 | 404000A10M100  | 10m          |
| 179  | 1200860191 | 405000A10M020  | 2m           |
| 180  | 1200270140 | 404000E18M050  | 5m           |
| 181  | 1200270581 | 403000E18M020  | 2m           |
| 182  | 1200270606 | 403000E18M100  | 10m          |
| 183  | 1200860667 | 405000P02M200  | 20m          |
| 184  | 1200868849 | 405000H08M010  | 1m           |
| 185  | 1200868857 | 405000E02M010  | 1m           |
| 186  | 1200868934 | 404000H08M050H | 5m           |
| 187  | 1200869026 | 404000H09M005  | 0.5m         |
| 188  |            |                |              |
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|                                                                                       |     |                                                                                                                                               |            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|---------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|------------------|--|----------------------------------|--------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|-----|----|--|-----------|--|----------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------|-----|---------------------------------------|--|--|--|---------------------------------------------------------------------------------------|-----|---------------------|--|--|--|------------------------------------------------------------------------------------------------------|--|--|--|--------------------|--|----------|--|---|--|--------------------------|--|--|--|----------|--|---|--|----------|--|--------|--|---------|--|-------|--|--|--|----------|--|-------|--|-----------------------------------------------------------------------------------|--|--|--|-------------------------------|--|-----------------|--|-----------------|--|-----------------|--|--|--|--|--|--|--|---------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|--------------------|--|------------------|--|----------------------------------|--|----------------------------|--|------------------------|--|
|                                                                                       |     |                                                                                                                                               |            |           | <table><tr><td colspan="2">FUNCTIONAL SYMBOLS</td><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td></td><td>= 0</td><td colspan="2">mm</td><td colspan="2">SCALE 1:1</td><td colspan="4" rowspan="4">CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N 'S ADDED</td><td colspan="4" rowspan="2"></td></tr><tr><td></td><td>= 0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2"></td></tr><tr><td></td><td>= 0</td><td colspan="2">ANGULAR TOL ± 1.0 °</td><td colspan="2"></td><td colspan="4" rowspan="3">EC NO: 770174<br/>DRWN: RSCHIEBER 2023/10/18<br/>CHK'D: RSILLER 2023/11/30<br/>APPR: RSILLER 2023/11/30</td></tr><tr><td colspan="2" rowspan="4">DIVISIONAL SYMBOLS</td><td colspan="2">4 PLACES</td><td colspan="2">±</td><td colspan="4" rowspan="4">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="2">3 PLACES</td><td colspan="2">±</td></tr><tr><td colspan="2">2 PLACES</td><td colspan="2">± 0.05</td></tr><tr><td colspan="2">1 PLACE</td><td colspan="2">± 0.3</td></tr><tr><td colspan="2"></td><td colspan="2">0 PLACES</td><td colspan="2">± 0.5</td><td colspan="4">INITIAL REVISION:<br/>DRWN: AKONDRACIUK 2017/02/16<br/>APPR: MIWASIECZKO 2017/11/16</td><td colspan="2">DOCUMENT NUMBER<br/>1200860594</td><td colspan="2">DOC TYPE<br/>PSD</td><td colspan="2">DOC PART<br/>000</td><td colspan="2">REVISION<br/>A10</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">DRAFT WHERE APPLICABLE<br/>MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION<br/></td><td colspan="2">DRAWING<br/>A3-SIZE</td><td colspan="2">SERIES<br/>120086</td><td colspan="2">MATERIAL NUMBER<br/>SEE PART LIST</td><td colspan="2">CUSTOMER<br/>GENERAL MARKET</td><td colspan="2">SHEET NUMBER<br/>4 OF 4</td></tr></table> |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  | FUNCTIONAL SYMBOLS |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |  | = 0 | mm |  | SCALE 1:1 |  | CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N 'S ADDED |  |  |  |  |  |  |  |  | = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |  |  |  | = 0 | ANGULAR TOL ± 1.0 ° |  |  |  | EC NO: 770174<br>DRWN: RSCHIEBER 2023/10/18<br>CHK'D: RSILLER 2023/11/30<br>APPR: RSILLER 2023/11/30 |  |  |  | DIVISIONAL SYMBOLS |  | 4 PLACES |  | ± |  | PRODUCT CUSTOMER DRAWING |  |  |  | 3 PLACES |  | ± |  | 2 PLACES |  | ± 0.05 |  | 1 PLACE |  | ± 0.3 |  |  |  | 0 PLACES |  | ± 0.5 |  | INITIAL REVISION:<br>DRWN: AKONDRACIUK 2017/02/16<br>APPR: MIWASIECZKO 2017/11/16 |  |  |  | DOCUMENT NUMBER<br>1200860594 |  | DOC TYPE<br>PSD |  | DOC PART<br>000 |  | REVISION<br>A10 |  |  |  |  |  |  |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | THIRD ANGLE PROJECTION<br> |  | DRAWING<br>A3-SIZE |  | SERIES<br>120086 |  | MATERIAL NUMBER<br>SEE PART LIST |  | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>4 OF 4 |  |
| FUNCTIONAL SYMBOLS                                                                    |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|  | = 0 | mm                                                                                                                                            |            | SCALE 1:1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N 'S ADDED                          |  |                                                                                                                 |  |                 |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|  | = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|  | = 0 | ANGULAR TOL ± 1.0 °                                                                                                                           |            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  | EC NO: 770174<br>DRWN: RSCHIEBER 2023/10/18<br>CHK'D: RSILLER 2023/11/30<br>APPR: RSILLER 2023/11/30 |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
| DIVISIONAL SYMBOLS                                                                    |     | 4 PLACES                                                                                                                                      |            | ±         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  | PRODUCT CUSTOMER DRAWING         |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|                                                                                       |     | 3 PLACES                                                                                                                                      |            | ±         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|                                                                                       |     | 2 PLACES                                                                                                                                      |            | ± 0.05    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|                                                                                       |     | 1 PLACE                                                                                                                                       |            | ± 0.3     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|                                                                                       |     | 0 PLACES                                                                                                                                      |            | ± 0.5     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | INITIAL REVISION:<br>DRWN: AKONDRACIUK 2017/02/16<br>APPR: MIWASIECZKO 2017/11/16 |  |                                                                                                                 |  | DOCUMENT NUMBER<br>1200860594                                                                        |  | DOC TYPE<br>PSD  |  | DOC PART<br>000                  |                    | REVISION<br>A10            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
|                                                                                       |     |                                                                                                                                               |            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                           |  | THIRD ANGLE PROJECTION<br> |  | DRAWING<br>A3-SIZE                                                                                   |  | SERIES<br>120086 |  | MATERIAL NUMBER<br>SEE PART LIST |                    | CUSTOMER<br>GENERAL MARKET |                                                                                                                                               | SHEET NUMBER<br>4 OF 4 |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |
| DOCUMENT STATUS                                                                       | P1  | RELEASE DATE                                                                                                                                  | 2023/11/30 | 13:30:50  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |  |                                                                                                                 |  |                                                                                                      |  |                  |  |                                  |                    |                            |                                                                                                                                               |                        |                                                                                       |     |    |  |           |  |                                                          |  |  |  |                                                                                       |  |  |  |                                                                                       |     |                                       |  |  |  |                                                                                       |     |                     |  |  |  |                                                                                                      |  |  |  |                    |  |          |  |   |  |                          |  |  |  |          |  |   |  |          |  |        |  |         |  |       |  |  |  |          |  |       |  |                                                                                   |  |  |  |                               |  |                 |  |                 |  |                 |  |  |  |  |  |  |  |                                                         |  |                                                                                                                 |  |                    |  |                  |  |                                  |  |                            |  |                        |  |