



|                                                                |                 |             |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
|----------------------------------------------------------------|-----------------|-------------|------------|----------------------------------------|-----------------------------|---------------------|-------------------------|-------------|--------------------------|-------|--------------|-------|---|--|---|--|---|--|---|--|
| 10                                                             | 9               | 8           | 7          | 6                                      | 5                           | 4                   | 3                       | 2           | 1                        |       |              |       |   |  |   |  |   |  |   |  |
| PART LIST                                                      |                 |             |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| MOLEX NO.                                                      | ENGINEERING NO. | LENGHT (MM) | MOLEX NO.  | ENGINEERING NO.                        | LENGHT (MM)                 | MOLEX NO.           | ENGINEERING NO.         | LENGHT (MM) |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000236                                                     | Y03007E03M010   | 1000        | 1204000259 | Y04007H09M100                          | 10000                       |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000237                                                     | Y03007E03M020   | 2000        | 1204000260 | Y05007E03M010                          | 1000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000238                                                     | Y03007E03M050   | 5000        | 1204000261 | Y05007E03M020                          | 2000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000239                                                     | Y03007E03M100   | 10000       | 1204000262 | Y05007E03M050                          | 5000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000240                                                     | Y03007B30M010   | 1000        | 1204000263 | Y05007E03M100                          | 10000                       |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000241                                                     | Y03007B30M020   | 2000        | 1204000264 | Y05007B30M010                          | 1000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000242                                                     | Y03007B30M050   | 5000        | 1204000265 | Y05007B30M020                          | 2000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000243                                                     | Y03007B30M100   | 10000       | 1204000266 | Y05007B30M050                          | 5000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000244                                                     | Y03007H09M010   | 1000        | 1204000267 | Y05007B30M100                          | 10000                       |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000245                                                     | Y03007H09M020   | 2000        | 1204000268 | Y05007H09M010                          | 1000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000246                                                     | Y03007H09M050   | 5000        | 1204000269 | Y05007H09M020                          | 2000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000247                                                     | Y03007H09M100   | 10000       | 1204000270 | Y05007H09M050                          | 5000                        |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000248                                                     | Y04007E03M010   | 1000        | 1204000271 | Y05007H09M100                          | 10000                       |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000249                                                     | Y04007E03M020   | 2000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000250                                                     | Y04007E03M050   | 5000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000251                                                     | Y04007E03M100   | 10000       |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000252                                                     | Y04007B30M010   | 1000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000253                                                     | Y04007B30M020   | 2000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000254                                                     | Y04007B30M050   | 5000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000255                                                     | Y04007B30M100   | 10000       |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000256                                                     | Y04007H09M010   | 1000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000257                                                     | Y04007H09M020   | 2000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 1204000258                                                     | Y04007H09M050   | 5000        |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| CABLE LIST                                                     |                 |             |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 3P                                                             | 4P              | 5P          | CABLE TYPE | DESCRIPTION                            | MATERIAL                    | FINISH/COLOR        | FIXED INSTALLATION *    |             | FLEXIBLE INSTALLATION ** |       | DRAG CHAIN   |       |   |  |   |  |   |  |   |  |
|                                                                |                 |             |            |                                        |                             |                     | MIN.                    | MAX.        | MIN.                     | MAX.  | MIN.         | MAX.  |   |  |   |  |   |  |   |  |
| X                                                              |                 |             | E03        | CABLE PVC, BLK 3X0.34MM D4.9           | PVC                         | BLACK               | -30°C                   | +80°C       | -10°C                    | +80°C | NOT SUITABLE |       |   |  |   |  |   |  |   |  |
|                                                                | X               |             |            | CABLE PVC, BLK 4X0.34MM D5.4           |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
|                                                                |                 | X           |            | CABLE PVC, BLK 5X0.34MM(UL/CSA) D5.8   |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| X                                                              |                 |             | B30        | CABLE 3X0.34 TPU BK D4.80 TPE UNSH DCS | PUR WSOR                    | BLACK               | -40°C                   | +90°C       | -25°C                    | +80°C | -5°C         | +60°C |   |  |   |  |   |  |   |  |
|                                                                | X               |             |            | CABLE 4X0.34 TPU BK D5.10 TPE UNSH DCS |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
|                                                                |                 | X           |            | CABLE 5X0.34 TPU BK D5.50 TPE UNSH DCS |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| X                                                              |                 |             | H09        | CABLE PUR;BLK 3X0.34MM-LSOH;UL D4.4    | PUR-LS0H                    | BLACK               | -40°C                   | +80°C       | -25°C                    | +80°C | +5°C         | +60°C |   |  |   |  |   |  |   |  |
|                                                                | X               |             |            | CABLE PUR;BLK 4X0.34MM-LSOH;UL D4.7    |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
|                                                                |                 | X           |            | CABLE PUR BLK 5X0.34MM LSZH UL D5.0    |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| * FIXED POSITION WITHOUT ACCIDENTAL CRUSHING OF VIBRATION.     |                 |             |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| ** FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE. |                 |             |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| BILL OF MATERIAL:                                              |                 |             |            |                                        |                             |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 3P                                                             | 4P              | 5P          | ITEM       | QTY                                    | DESCRIPTION                 | MATERIAL            | FINISH/COLOR            |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| X                                                              | X               | X           | 1          | -                                      | CABLE                       | SEE CABLE LIST      | SEE CABLE LIST          |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| X                                                              | X               | X           | 2          | 3/4/5                                  | CONTACT 10 MA STA AU        | COPPER ALLOY        | GOLD OVER NICKEL PLATED |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| X                                                              |                 |             | 3          | 1                                      | PLG U12 3P AC MA PA UNSH WT | -                   | -                       |             |                          |       |              |       |   |  |   |  |   |  |   |  |
|                                                                | X               |             |            |                                        | PLG U12 4P AC MA PA UNSH WT |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
|                                                                |                 | X           |            |                                        | PLG U12 5P AC MA PA UNSH WT |                     |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| X                                                              | X               | X           | 4          | 1                                      | OVERMOLD                    | TPC                 | SEE MATRIX              |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| IF "H" IS IN MATRIX-END                                        |                 |             | -          | 2                                      | I/D CARRIER DIA 4-7MMX30MM  | PVC                 | TRANSPARENT             |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| DOCUMENT STATUS                                                |                 |             | P1         | RELEASE DATE                           |                             | 2023/01/31 08:21:33 |                         |             |                          |       |              |       |   |  |   |  |   |  |   |  |
| 0                                                              |                 |             | 9          |                                        | 8                           |                     | 7                       |             | 6                        |       | 5            |       | 4 |  | 3 |  | 2 |  | 1 |  |

|                         |  |  |  |  |            |  |  |  |  |
|-------------------------|--|--|--|--|------------|--|--|--|--|
| 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 |  |  |  |  |

|                    |                                                                                                                                               |                                                                                                                                               |  |                                                |  |                  |  |          |  |    |  |  |  |  |  |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|--|------------------|--|----------|--|----|--|--|--|--|--|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                                               |  |                                                |  |                  |  |          |  |    |  |  |  |  |  |
|                    | DIVISIONAL SYMBOLS                                                                                                                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  | CURRENT REV DESC: NOTES AND CABLE LIST UPDATED |  | <div>molex</div> |  |          |  |    |  |  |  |  |  |
|                    |                                                                                                                                               | EC NO: 736602                                                                                                                                 |  | DRWN: RSCHIEBER                                |  |                  |  |          |  |    |  |  |  |  |  |
|                    |                                                                                                                                               | CHK'D: RSILLER                                                                                                                                |  | APPR: RSILLER                                  |  |                  |  |          |  |    |  |  |  |  |  |
|                    | DIVISIONAL SYMBOLS                                                                                                                            | INITIAL REVISION:                                                                                                                             |  | 2021/01/15                                     |  | DOCUMENT NUMBER  |  | DOC TYPE |  | A1 |  |  |  |  |  |
|                    |                                                                                                                                               | DRWN: JELIZAINCIN                                                                                                                             |  | 2022/10/14                                     |  | 1204000260       |  | PSD      |  |    |  |  |  |  |  |
|                    |                                                                                                                                               | APPR: RSILLER                                                                                                                                 |  |                                                |  |                  |  |          |  |    |  |  |  |  |  |
|                    |                                                                                                                                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  | THIRD ANGLE PROJECTION                         |  | DRAWING          |  | SERIES   |  |    |  |  |  |  |  |
|                    |                                                                                                                                               |                                                                                                                                               |  |                                                |  | A3-SIZE          |  | 120400   |  |    |  |  |  |  |  |
|                    | DIVISIONAL SYMBOLS                                                                                                                            | MATERIAL NUMBER                                                                                                                               |  | CUSTOMER                                       |  | SHEET NUMBER     |  |          |  |    |  |  |  |  |  |
|                    |                                                                                                                                               | SEE PART LIST                                                                                                                                 |  | GENERAL MARKET                                 |  | 2 OF 2           |  |          |  |    |  |  |  |  |  |
|                    |                                                                                                                                               |                                                                                                                                               |  |                                                |  |                  |  |          |  |    |  |  |  |  |  |