

# 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

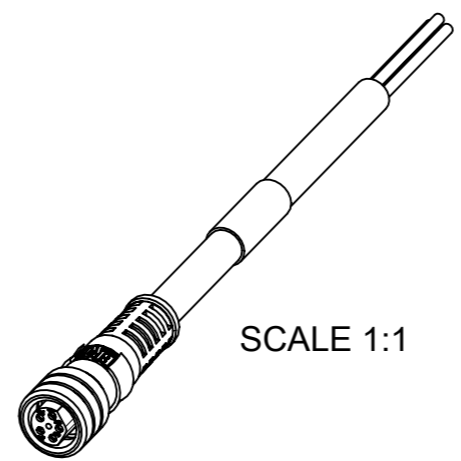
### CONTACTS POSITION FRONT VIEW:

|             | 3 CONTACTS |       | 4 CONTACTS |       | 5 CONTACTS |       |
|-------------|------------|-------|------------|-------|------------|-------|
| FEMALE      |            |       |            |       |            |       |
| CONNECTIONS | 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

| ITEM | QTY.      | DESCRIPTION              | MATERIAL    | FINISH               |
|------|-----------|--------------------------|-------------|----------------------|
| 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 |



|  |   |                            |                                  |          |                 |                |              |
|--|---|----------------------------|----------------------------------|----------|-----------------|----------------|--------------|
| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            | CURRENT REV DESC: MATRIX UPDATED |          |                 |                |              |
| ▲/A = 0  | DIMENSION UNITS   | SCALE                      |                                  |          |                 |                |              |
| ▲/E = 0  | mm  | 2:1                        |                                  |          |                 |                |              |
| ▲/V = 0  | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                            |                                  |          |                 |                |              |
| DIVISIONAL SYMBOLS                                   | ANGULAR TOL ± °   |                            | EC NO: 670691                    |          |                 |                |              |
|  | 4 PLACES ±  | DRWN: RSCHIEBER 2021/07/19 |                                  |          |                 |                |              |
|  | 3 PLACES ±  | CHK'D: RSILLER 2021/07/19  |                                  |          |                 |                |              |
|  | 2 PLACES ±  | APPR: RSILLER 2021/07/19   |                                  |          |                 |                |              |
|  | 1 PLACE ±   | INITIAL REVISION:          |                                  |          |                 |                |              |
| 0 PLACES ±   | DRWN: AKONDRACIUK 2017/02/16  |                            | DOCUMENT NUMBER                  | DOC TYPE | DOC PART        | REVISION       |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   | THIRD ANGLE PROJECTION     | DRAWING                          | SERIES   | MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER |
|  |   |                            | A3-SIZE                          | 120086   | SEE SHEET 3-4   | GENERAL MARKET | 1 OF 4       |

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

## OPTIONS

4 0 X 0 0 0 X X X X X X X X X

40=Nano-Change  
M8x1  
Double ended

Contacts:  
3=3 Contacts  
4=4 Contacts  
5=5 Contacts

Heads style:  
000=Plug Female Straight

Cable type: See Table

Units:  
M=Meter  
C=Centimeter

Length  
Examples:  
005=0.5 unit  
010=1 unit  
100=10 unit

Overmold color:  
Blank (Standard) = Black  
A = Grey / G = Black / Y = Yellow  
For cables K03, K05, A09, S19,  
S20, S26 & A10 = Yellow

Coupling Nut material:  
Blank = Standard  
1 = Stainless steel  
2 = Nylon  
3 = Nickel plated Brass  
4 = Valox (polyester)  
5 = Delrin  
6 = clear anodized alum.  
7 = Teflon coat  
Blank = 7 for cables: I20, I26, K03, K05, P82, S26  
8 = Type 316 stainless steel  
9 = Knurled / Hexagonal SW9 Brass Ni Plated

H = 2 pcs. of I/D Carrier PVC Transparent  
(Cables lxx & P82 always with 2 pcs. of I/D Carrier)

COUPLING NUT  
FEMALE



## CABLE INFORMATION (for more information see Cable Data Sheet).

| CABLE TYPE | NO. OF WIRES | CROSS SECTION       | CABLE JACKET     | UL                    | CSA                      | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAG CHAIN  | SHIELD |
|------------|--------------|---------------------|------------------|-----------------------|--------------------------|--------------------------------|---------------------------------|---|--------|
| E02        | 3 / 4 / 5    | 0.25mm <sup>2</sup> | PVC BLACK        | UL 2464/1729          | C22.2 I/II A/B 80°C/300V | -30°C to +80°C, >10xO.D.       | -10°C to +80°C, >15xO.D.        | -   | -      |
| E18        | 3 / 4        | 0.20mm <sup>2</sup> | PVC YELLOW       | -                     | -                        | -30°C to +70°C                 | -5°C to +70°C                   | -   | -      |
| E51        | 4            | 0.25mm <sup>2</sup> | PVC GREY         | -                     | -                        | -                              | -                               | -   | -      |
| E52        | 3 / 4 / 8    | 0.34mm <sup>2</sup> | PVC GREY         | -                     | -                        | -30°C to +70°C                 | -5°C to +70°C                   | -   | -      |
| E54        | 3            | 0.25mm <sup>2</sup> | PVC GREY         | -                     | -                        | -25°C to +70°C                 | -5°C to +70°C                   | -   | -      |
| H08        | 3 / 4 / 5    | 0.25mm <sup>2</sup> | PUR BLACK LS0H   | UL 21198/10493        | C22.2 I/II A/B 80°C/300V | -40°C to +80°C, >5xO.D.        | -25°C to +80°C, >10xO.D.        | 2 000 000 cycles at 20°C, Temp. range +5°C to +60°C | -      |
| H09        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | PUR BLACK LS0H   | UL 21198/10493        | C22.2 I/II A/B 80°C/300V | -40°C to +80°C, >5xO.D.        | -25°C to +80°C, >10xO.D.        | 2 000 000 cycles at 20°C, Temp. range +5°C to +60°C | -      |
| H69        | 4            | 0.20mm <sup>2</sup> | PUR GRAY LS0H    | -                     | -                        | -                              | -                               | -   | -      |
| I02        | 3 / 4        | 0.25mm <sup>2</sup> | PVC CEI GREY     | -                     | -                        | -30°C to +70°C                 | -5°C to +70°C                   | -   | -      |
| P02        | 3 / 4 / 5    | 0.25mm <sup>2</sup> | PUR / PVC BLACK  | -                     | -                        | -30°C to +80°C, >7xO.D.        | -5°C to +80°C, >15xO.D.         | -   | -      |
| P03        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | PUR / PVC BLACK  | -                     | -                        | -30°C to +80°C, >7xO.D.        | -5°C to +80°C, >15xO.D.         | -   | -      |
| P18        | 4            | 0.20mm <sup>2</sup> | PUR YELLOW       | -                     | -                        | -                              | -                               | -   | -      |
| P82        | 3            | 0.34mm <sup>2</sup> | PUR IRR ORANGE   | -                     | -                        | -50°C to +105°C, >5xO.D.       | -40°C to +105°C, >7.5xO.D.      | -   | -      |
| K05        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | TPE YELLOW       | UL ITC E195601 or PLC | I/II A/B 90°C/300V       | -                              | -                               | -   | -      |
| L03        | 3            | 0.34mm <sup>2</sup> | Blend PUR ORANGE | -                     | -                        | -30°C to +90°C                 | -5°C to +90°C                   | -   | -      |
| A10        | 3 / 4 / 5    | 0.25mm <sup>2</sup> | PVC YELLOW       | UL 2661               | I/II A/B 105°C/300V      | -                              | -                               | -   | -      |

|  |   |                                       |                  |                                 |                                |                          |
|--|---|---------------------------------------|------------------|---------------------------------|--------------------------------|--------------------------|
| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC: MATRIX UPDATED      |                  | <b>molex</b>                    |                                |                          |
|  | SCALE: 2:1  | GENERAL TOLERANCES (UNLESS SPECIFIED) |                  |                                 |                                |                          |
| DIVISIONAL SYMBOLS                                   | 4 PLACES ±  | EC NO: 670691                         | 2021/07/19       | M8 SINGLE ENDED FEMALE STRAIGHT |                                |                          |
|  | 3 PLACES ±  | DRWN: RSCHIEBER                       | 2021/07/19       | PRODUCT CUSTOMER DRAWING        |                                |                          |
|  | 2 PLACES ±  | CHK'D: RSILLER                        | 2021/07/19       | DOCUMENT NUMBER: 1200860594     |                                |                          |
|  | 1 PLACE ±   | APPR: RSILLER                         | 2021/07/19       | DOC TYPE: PSD                   | DOC PART: 000                  | REVISION: A8             |
|  | 0 PLACES ±  | INITIAL REVISION: DRWN: AKONDRACIUK   | 2017/02/16       | SHEET NUMBER: 2 OF 4            |                                |                          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   | THIRD ANGLE PROJECTION                | DRAWING: A3-SIZE | SERIES: 120086                  | MATERIAL NUMBER: SEE SHEET 3-4 | CUSTOMER: GENERAL MARKET |

# PART LIST

| Pos. | Part. No   | Engineering No. | Cable Length |
|------|------------|-----------------|--------------|
| 1    | 1200270066 | 403000E02M020   | 2m           |
| 2    | 1200270067 | 403000E02M030   | 3m           |
| 3    | 1200270068 | 403000E02M050   | 5m           |
| 4    | 1200270070 | 403000E02M100   | 10m          |
| 5    | 1200270127 | 404000E02M020   | 2m           |
| 6    | 1200270129 | 404000E02M050   | 5m           |
| 7    | 1200270131 | 404000E02M100   | 10m          |
| 8    | 1200270132 | 404000E02M150   | 15m          |
| 9    | 1200270133 | 404000E02M200   | 20m          |
| 10   | 1200270400 | 403000E02M010   | 1m           |
| 11   | 1200270549 | 404000E02M010   | 1m           |
| 12   | 1200271410 | 403000E02M012   | 1.2m         |
| 13   | 1200271417 | 403000E02M006   | 0.6m         |
| 14   | 1200271418 | 403000E02M015   | 1.5m         |
| 15   | 1200271419 | 403000E02M025   | 2.5m         |
| 16   | 1200271423 | 404000E02M005   | 0.5m         |
| 17   | 1200865038 | 403000E02M250   | 25m          |
| 18   | 1200868015 | 403000E02M200   | 20m          |
| 19   | 1200868067 | 404000E02M050G  | 5m           |
| 20   | 1200868068 | 404000E02M100G  | 10m          |
| 21   | 1200868069 | 404000E02M200G  | 20m          |
| 22   | 1200868070 | 404000E02M300G  | 30m          |
| 23   | 1200868071 | 404000E02M400G  | 40m          |
| 24   | 1200868072 | 404000E02M500G  | 50m          |
| 25   | 1200868073 | 404000E02M700G  | 70m          |
| 26   | 1200868074 | 404000E02M1K0G  | 100m         |
| 27   | 1200868075 | 404000E02M020G  | 2m           |
| 28   | 1200868090 | 403000E02M150   | 15m          |
| 29   | 1200868099 | 405000E02M020   | 2m           |
| 30   | 1200868109 | 403000E02M100G  | 10m          |
| 31   | 1200868114 | 404000E02M030   | 3m           |
| 32   | 1200868151 | 405000E02M040   | 4m           |
| 33   | 1200868171 | 405000E02M050   | 5m           |
| 34   | 1200868172 | 405000E02M100   | 10m          |
| 35   | 1200868262 | 403000E02M002   | 0.2m         |

| Pos. | Part. No   | Engineering No. | Cable Length |
|------|------------|-----------------|--------------|
| 36   | 1200868263 | 403000E02M003   | 0.3m         |
| 37   | 1200868264 | 403000E02M020H  | 2m           |
| 38   | 1200868265 | 403000E02M035   | 3.5m         |
| 39   | 1200868266 | 403000E02M045   | 4.5m         |
| 40   | 1200868267 | 403000E02M0501  | 5m           |
| 41   | 1200868268 | 403000E02M060   | 6m           |
| 42   | 1200868339 | 404000E02C200   | 2m           |
| 43   | 1200868340 | 404000E02M015   | 1.5m         |
| 44   | 1200868341 | 404000E02M0201  | 2m           |
| 45   | 1200868342 | 404000E02M040   | 4m           |
| 46   | 1200868343 | 404000E02M0501  | 5m           |
| 47   | 1200868344 | 404000E02M080   | 8m           |
| 48   | 1200868345 | 404000E02M110   | 11m          |
| 49   | 1200868346 | 404000E02M170   | 17m          |
| 50   | 1200868347 | 404000E02M210   | 21m          |
| 51   | 1200868348 | 404000E02M250   | 25m          |
| 52   | 1200868423 | 403000E02M1001  | 10m          |
| 53   | 1200868442 | 403000E02M020Y  | 2m           |
| 54   | 1200868443 | 403000E02M050Y  | 5m           |
| 55   | 1200868444 | 403000E02M100Y  | 10m          |
| 56   | 1200868452 | 404000E02M050Y  | 5m           |
| 57   | 1200868453 | 404000E02M100Y  | 10m          |
| 58   | 1200868454 | 404000E02M150Y  | 15m          |
| 59   | 1200868467 | 403000E02M150Y  | 15m          |
| 60   | 1200868473 | 404000E02M1001  | 10m          |
| 61   | 1200868508 | 404000E02M050H  | 5m           |
| 62   | 1200868509 | 404000E02M100H  | 10m          |
| 63   | 1200868510 | 404000E02M150H  | 15m          |
| 64   | 1200868511 | 404000E02M030H  | 3m           |
| 65   | 1200868518 | 404000E02C230   | 2.3m         |
| 66   | 1200868571 | 405000E02M120   | 12m          |
| 67   | 1200868572 | 405000E02M030   | 3m           |
| 68   | 1200868685 | 403000E02M050H  | 5m           |
| 69   | 1200868696 | 404000E02M0509H | 5m           |
| 70   | 1200868697 | 404000E02M1009H | 10m          |

| Pos. | Part. No   | Engineering No. | Cable Length |
|------|------------|-----------------|--------------|
| 71   | 1200868698 | 404000E02M1509H | 15m          |
| 72   | 1200868774 | 404000E02M060   | 6m           |
| 73   | 1200868776 | 404000E02M070   | 7m           |
| 74   | 1200271409 | 403000H08M010   | 1m           |
| 75   | 1200271442 | 403000H08M020G  | 2m           |
| 76   | 1200868045 | 403000H08M020   | 2m           |
| 77   | 1200868053 | 404000H08M050   | 5m           |
| 78   | 1200868060 | 404000H08M030   | 3m           |
| 79   | 1200868101 | 403000H08M050   | 5m           |
| 80   | 1200868115 | 403000H08M100   | 10m          |
| 81   | 1200868116 | 403000H08M200   | 20m          |
| 82   | 1200868117 | 404000H08M100   | 10m          |
| 83   | 1200868118 | 404000H08M200   | 20m          |
| 84   | 1200868122 | 403000H08M030   | 3m           |
| 85   | 1200868162 | 404000H08M040   | 4m           |
| 86   | 1200868207 | 404000H08M020   | 2m           |
| 87   | 1200868209 | 403000H08M015   | 1.5m         |
| 88   | 1200868214 | 403000H08M005   | 0.5m         |
| 89   | 1200868215 | 404000H08M005   | 0.5m         |
| 90   | 1200868395 | 405000H08M020   | 2m           |
| 91   | 1200868404 | 405000H08M050   | 5m           |
| 92   | 1200868405 | 405000H08M100   | 10m          |
| 93   | 1200868468 | 403000H08M050Y  | 5m           |
| 94   | 1200868469 | 403000H08M100Y  | 10m          |
| 95   | 1200868487 | 404000H08M010   | 1m           |
| 96   | 1200868596 | 403000H08M010Y  | 1m           |
| 97   | 1200868476 | 403000H09M020   | 2m           |
| 98   | 1200860468 | 403000P03M050GQ | 5m           |
| 99   | 1200868030 | 404000P03M200G  | 20m          |
| 100  | 1200270709 | 405000P02M020   | 2m           |
| 101  | 1200270854 | 405000P02M075G  | 7.5m         |
| 102  | 1200860475 | 405000P02M050   | 5m           |
| 103  | 1200860594 | 405000P02M100   | 10m          |
| 104  | 1200868001 | 403000P02M020   | 2m           |
| 105  | 1200868002 | 403000P02M050   | 5m           |

| Pos. | Part. No   | Engineering No. | Cable Length |
|------|------------|-----------------|--------------|
| 106  | 1200868003 | 403000P02M100   | 10m          |
| 107  | 1200868148 | 405000P02M005   | 0.5m         |
| 108  | 1200868156 | 404000P02M020   | 2m           |
| 109  | 1200868157 | 404000P02M050   | 5m           |
| 110  | 1200868158 | 404000P02M100   | 10m          |
| 111  | 1200868274 | 403000P02C350   | 3.5m         |
| 112  | 1200868275 | 403000P02M002   | 0.2m         |
| 113  | 1200868276 | 403000P02M002G  | 0.2m         |
| 114  | 1200868277 | 403000P02M003   | 0.3m         |
| 115  | 1200868278 | 403000P02M003G  | 0.3m         |
| 116  | 1200868279 | 403000P02M005   | 0.5m         |
| 117  | 1200868280 | 403000P02M006   | 0.6m         |
| 118  | 1200868281 | 403000P02M010   | 1m           |
| 119  | 1200868282 | 403000P02M012   | 1.2m         |
| 120  | 1200868283 | 403000P02M018   | 1.8m         |
| 121  | 1200868284 | 403000P02M022   | 2.2m         |
| 122  | 1200868285 | 403000P02M030   | 3m           |
| 123  | 1200868286 | 403000P02M032   | 3.2m         |
| 124  | 1200868287 | 403000P02M035   | 3.5m         |
| 125  | 1200868288 | 403000P02M040   | 4m           |
| 126  | 1200868289 | 403000P02M050G  | 5m           |
| 127  | 1200868290 | 403000P02M055   | 5.5m         |
| 128  | 1200868291 | 403000P02M080   | 8m           |
| 129  | 1200868292 | 403000P02M150   | 15m          |
| 130  | 1200868351 | 404000P02M003   | 0.3m         |
| 131  | 1200868352 | 404000P02M030   | 3m           |
| 132  | 1200868353 | 404000P02M040   | 4m           |
| 133  | 1200868354 | 404000P02M070   | 7m           |
| 134  | 1200868355 | 404000P02M500   | 50m          |
| 135  | 1200868517 | 403000P02M200   | 20m          |
| 136  | 1200868530 | 404000P02M010   | 1m           |
| 137  | 1200868627 | 405000P02M050Y  | 5m           |
| 138  | 1200868773 | 404000P02M060   | 6m           |
| 139  | 1200868775 | 404000P02M200   | 20m          |
| 140  | 1200270637 | 403000E52M050G  | 5m           |

| OVER [mm] | UP TO AND INCLUDING [mm] | TOLERANCES [mm]        |
|-----------|--------------------------|------------------------|
| 0         | 305                      | +19                    |
| 305       | 915                      | +45                    |
| 915       | 1830                     | +56                    |
| 1830      | 3660                     | +89                    |
| 3660      | 7320                     | +165                   |
| 7320      | 14640                    | +317                   |
| 14640     | 30500                    | +610                   |
| 30500     | >                        | +2% OF FINISHED LENGTH |


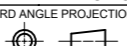
|  |   |                                  |                |
|--|---|----------------------------------|----------------|
| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC: MATRIX UPDATED |                |
|  | DIMENSION UNITS   | SCALE                            |                |
| $\nabla_A = 0$                                       | mm  | 2:1                              |                |
| $\nabla_E = 0$                                       | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                                  |                |
| $\nabla_F = 0$                                       | ANGULAR TOL   | ±                                | °              |
| DIVISIONAL SYMBOLS                                   | 4 PLACES  | ±                                |                |
|  | 3 PLACES  | ±                                |                |
|  | 2 PLACES  | ±                                |                |
|  | 1 PLACE   | ±                                |                |
|  | 0 PLACES  | ±                                |                |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   | THIRD ANGLE PROJECTION           | DRAWING        |
|  |   |                                  | A3-SIZE        |
|  |   | SERIES                           | 120086         |
|  |   | MATERIAL NUMBER                  | SEE SHEET 3-4  |
|  |   | CUSTOMER                         | GENERAL MARKET |
|  |   | DOCUMENT NUMBER                  | 1200860594     |
|  |   | DOC TYPE                         | PSD            |
|  |   | DOC PART                         | 000            |
|  |   | REVISION                         | A8             |
|  |   | SHEET NUMBER                     | 3 OF 4         |

# PART LIST

| Pos. | Part. No   | Engineering No | Cable Length |
|------|------------|----------------|--------------|
| 141  | 1200860340 | 403000K05M050  | 5m           |
| 142  | 1200868431 | 403000K05M150  | 15m          |
| 143  | 1200270642 | 403000L03M005A | 0.5m         |
| 144  | 1200270080 | 403000I02M003  | 0.3m         |
| 145  | 1200270081 | 403000I02M020  | 2m           |
| 146  | 1200270082 | 403000I02M030  | 3m           |
| 147  | 1200270083 | 403000I02M050  | 5m           |
| 148  | 1200270084 | 403000I02M100  | 10m          |
| 149  | 1200270148 | 404000I02M020  | 2m           |
| 150  | 1200270149 | 404000I02M050  | 5m           |
| 151  | 1200270360 | 404000I02M100  | 10m          |
| 152  | 1200860041 | 404000I02M030  | 3m           |
| 153  | 1200868269 | 403000I02M005  | 0.5m         |
| 154  | 1200868270 | 403000I02M006  | 0.6m         |
| 155  | 1200868271 | 403000I02M010  | 1m           |
| 156  | 1200868272 | 403000I02M025  | 2.5m         |
| 157  | 1200868273 | 403000I02M150  | 15m          |
| 158  | 1200868349 | 404000I02M003  | 0.3m         |
| 159  | 1200868350 | 404000I02M050G | 5m           |
| 160  | 1200868445 | 403000I02M030Y | 3m           |
| 161  | 1200868446 | 403000I02M050Y | 5m           |
| 162  | 1200868447 | 403000I02M100Y | 10m          |
| 163  | 1200868455 | 404000I02M020Y | 2m           |
| 164  | 1200868456 | 404000I02M050Y | 5m           |
| 165  | 1200868460 | 404000I02M100Y | 10m          |
| 166  | 1200868507 | 403000I02M020Y | 2m           |
| 167  | 1200868566 | 404000I02M030Y | 3m           |
| 168  | 1200270147 | 404000H69M020  | 2m           |
| 169  | 1200868100 | 404000H69M100  | 10m          |
| 170  | 1200868184 | 404000H69M010  | 1m           |
| 171  | 1200270445 | 404000H69M050  | 5m           |
| 172  | 1200271440 | 403000H69M050  | 5m           |
| 173  | 1200271441 | 403000H69M020  | 2m           |
| 174  | 1200270032 | 403000P82M050  | 5m           |
| 175  | 1200271042 | 404000P82M0207 | 2m           |

| Pos. | Part. No   | Engineering No  | Cable Length |
|------|------------|-----------------|--------------|
| 176  | 1200271180 | 403000P82M020   | 2m           |
| 177  | 1200271305 | 404000P82M050   | 5m           |
| 178  | 1200271450 | 404000P82M0507  | 5m           |
| 179  | 1200868183 | 403000P82M0507  | 5m           |
| 180  | 1200868192 | 403000P82M0207  | 2m           |
| 181  | 1200868212 | 403000P82M005   | 0.5m         |
| 182  | 1200868213 | 404000P82M005   | 0.5m         |
| 183  | 1200868232 | 404000P82M010   | 1m           |
| 184  | 1200868233 | 403000P82M010   | 1m           |
| 185  | 1200868420 | 403000P82M1007  | 10m          |
| 186  | 1200868461 | 404000P82M0207Y | 2m           |
| 187  | 1200868470 | 403000P82M0207Y | 2m           |
| 188  | 1200868481 | 404000P82M010Y  | 1m           |
| 189  | 1200868482 | 403000P82M010Y  | 1m           |
| 190  | 1200868567 | 404000P82M0307Y | 3m           |
| 191  | 1200868602 | 404000P82M050Y  | 5m           |
| 192  | 1200270341 | 404000P18M050   | 5m           |
| 193  | 1200270346 | 404000P18M100   | 10m          |
| 194  | 1200270863 | 404000P18M005   | 0.5m         |
| 195  | 1200271449 | 403000P18M070   | 7m           |
| 196  | 1200860101 | 403000A10M015   | 1.5m         |
| 197  | 1200860102 | 403000A10M020   | 2m           |
| 198  | 1200860107 | 403000A10M050   | 5m           |
| 199  | 1200860111 | 403000A10M100   | 10m          |
| 200  | 1200860112 | 403000A10M150   | 15m          |
| 201  | 1200860144 | 404000A10M020   | 2m           |
| 202  | 1200860145 | 404000A10M030   | 3m           |
| 203  | 1200860147 | 404000A10M050   | 5m           |
| 204  | 1200860155 | 404000A10M100   | 10m          |
| 205  | 1200860191 | 405000A10M020   | 2m           |
| 206  | 1200270140 | 404000E18M050   | 5m           |
| 207  | 1200270581 | 403000E18M020   | 2m           |
| 208  | 1200270606 | 403000E18M100   | 10m          |
| 209  | 1200868017 | 403000E18M050   | 5m           |
| 210  | 1200868028 | 404000E18M020   | 2m           |

| Pos. | Part. No   | Engineering No | Cable Length |
|------|------------|----------------|--------------|
| 211  | 1200868029 | 404000E18M030  | 3m           |
| 212  | 1200270078 | 403000E54M050A | 5m           |
| 213  | 1200868018 | 403000E54M030A | 3m           |
| 214  | 1200270143 | 404000E51M020A | 2m           |
| 215  | 1200270145 | 404000E51M050A | 5m           |
| 216  | 1200860667 | 405000P02M200  | 20m          |
| 217  | 1200868849 | 405000H08M010  | 1m           |
| 218  | 1200868857 | 405000E02M010  | 1m           |
| 219  | 1200868934 | 404000H08M050H | 5m           |
| 220  |            |                |              |
| 221  |            |                |              |
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|   |   |  |                                 |   |                          |                |  |
|---|---|--|---------------------------------|---|--------------------------|----------------|--|
| FUNCTIONAL SYMBOLS<br>$\nabla_A = 0$<br>$\nabla_E = 0$<br>$\nabla_P = 0$              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC: MATRIX UPDATED                     |                                 |  |                          |                |  |
|   | DIMENSION UNITS: <b>mm</b>  | SCALE: <b>1:1</b>                                    | M8 SINGLE ENDED FEMALE STRAIGHT |   |                          |                |  |
|   | GENERAL TOLERANCES (UNLESS SPECIFIED)   |  | EC NO: 670691                   |   | PRODUCT CUSTOMER DRAWING |                |  |
|   | ANGULAR TOL ± °   |  | DRWN: RSCHIEBER 2021/07/19      |   | INITIAL REVISION:        |                |  |
| 4 PLACES ±  |   | CHK'D: RSILLER 2021/07/19                            |                                 | DOCUMENT NUMBER   |                          | DOC TYPE       |  |
| 3 PLACES ±  |   | APPR: RSILLER 2021/07/19                             |                                 | 1200860594  |                          | DOC PART       |  |
| 2 PLACES ±  |   | DRWN: AKONDRACIUK 2017/02/16                         |                                 | PSD   |                          | REVISION       |  |
| 1 PLACE ±   |   | APPR: MIWASIECZKO 2017/11/16                         |                                 | A8  |                          |                |  |
| 0 PLACES ±  |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                 | SERIES  |                          | SHEET NUMBER   |  |
| THIRD ANGLE PROJECTION  |   | DRAWING  |                                 | MATERIAL NUMBER   |                          | CUSTOMER       |  |
|  |   | A3-SIZE  |                                 | SEE SHEET 3-4   |                          | GENERAL MARKET |  |
|   |   | 120086   |                                 | 4 OF 4  |                          |                |  |