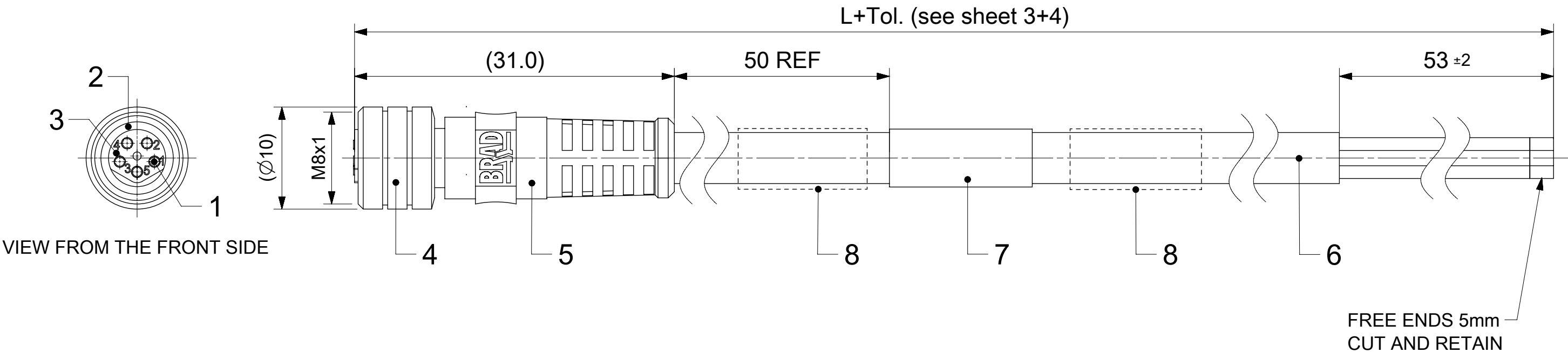


FEMALE PLUG M8 STRAIGHT



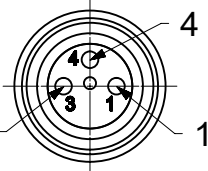
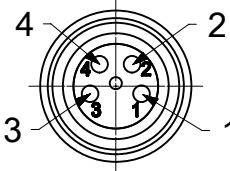
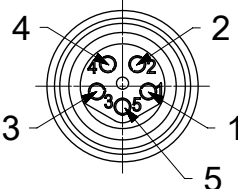
NOTES:

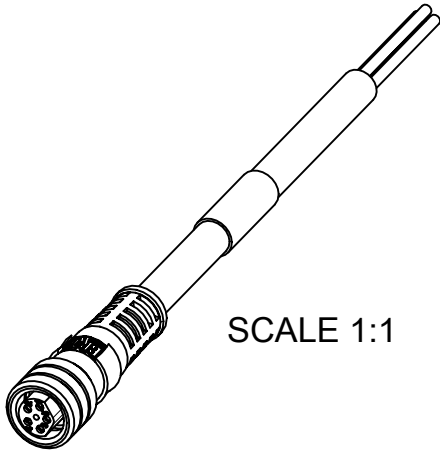
RATED VOLTAGE: 3 contacts 60V AC/DC  
4 and 5 contacts 30V AC/DC

CURRENT RATING: 3, 4, 5 contacts 3A

PROTECTION CLASS: IP 67

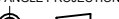
TEMPERATURE: -25°C / +80°C

| 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

|      |           |                          |             |                      |
|------|-----------|--------------------------|-------------|----------------------|
| 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<br><br>FA = 0<br><br>FE = 0<br><br>FE = 0<br><br>DIVISIONAL 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: MATRIX UPDATED                                                                  |         |  |               | <div>molex</div> |                 |          |          |          |              |          |  |  |
|                                                                                        | mm                                                                                                                                            |  | 2:1   |                        |                                                                                                   |         |  |               |                  |                 |          |          |          |              |          |  |  |
|                                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |                        | EC NO: 670691<br>DRWN: RSCHIEBER2021/07/19<br>CHK'D: RSILLER2021/07/19<br>APPR: RSILLER2021/07/19 |         |  |               |                  |                 |          |          |          |              |          |  |  |
|                                                                                        | ANGULAR TOL ± °                                                                                                                               |  |       |                        |                                                                                                   |         |  |               |                  |                 |          |          |          |              |          |  |  |
|                                                                                        | 4 PLACES                                                                                                                                      |  | ±     |                        |                                                                                                   |         |  |               |                  |                 |          |          |          |              |          |  |  |
|                                                                                        | 3 PLACES                                                                                                                                      |  | ±     |                        |                                                                                                   |         |  |               |                  |                 |          |          |          |              |          |  |  |
|                                                                                        | 2 PLACES                                                                                                                                      |  | ±     |                        |                                                                                                   |         |  |               |                  |                 |          |          |          |              |          |  |  |
|                                                                                        | 1 PLACE                                                                                                                                       |  | ±     |                        | INITIAL REVISION:<br>DRWN: AKONDRACIUK2017/02/16<br>APPR: MIWASIECZKO2017/11/16                   |         |  |               | DOCUMENT NUMBER  |                 | DOC TYPE |          | DOC PART |              | REVISION |  |  |
|                                                                                        | 0 PLACES                                                                                                                                      |  | ±     |                        |                                                                                                   |         |  |               | 1200860594       |                 | PSD      |          | 000      |              | A8       |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                             |                                                                                                                                               |  |       | THIRD ANGLE PROJECTION |                                                                                                   | DRAWING |  | SERIES        |                  | MATERIAL NUMBER |          | CUSTOMER |          | SHEET NUMBER |          |  |  |
|   |                                                                                                                                               |  |       | A3-SIZE                |                                                                                                   | 120086  |  | SEE SHEET 3-4 |                  | GENERAL MARKET  |          | 1 OF 4   |          |              |          |  |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/07/19 | 14:40:35 |
|-----------------|----|--------------|------------|----------|

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

40=Nano-Change  
M8x1  
Double ended

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

Heads style:  
000=Plug Female Straight

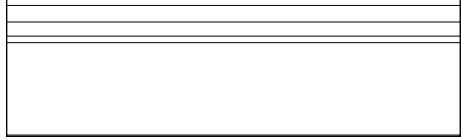
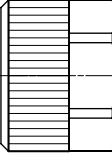
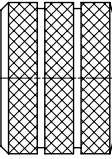
Cable type: See Table

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    | 0.25mm²       | 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        | 0.20mm²       | PVC YELLOW       | -                     | -                        | -30°C to +70°C                 | -5°C to +70°C                   | -                                                   | -      |
| E51        | 4            | 0.25mm²       | PVC GREY         | -                     | -                        | -                              | -                               | -                                                   | -      |
| E52        | 3 / 4 / 8    | 0.34mm²       | PVC GREY         | -                     | -                        | -30°C to +70°C                 | -5°C to +70°C                   | -                                                   | -      |
| E54        | 3            | 0.25mm²       | PVC GREY         | -                     | -                        | -25°C to +70°C                 | -5°C to +70°C                   | -                                                   | -      |
| H08        | 3 / 4 / 5    | 0.25mm²       | 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    | 0.34mm²       | 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            | 0.20mm²       | PUR GRAY LS0H    | -                     | -                        | -                              | -                               | -                                                   | -      |
| I02        | 3 / 4        | 0.25mm²       | PVC CEI GREY     | -                     | -                        | -30°C to +70°C                 | -5°C to +70°C                   | -                                                   | -      |
| P02        | 3 / 4 / 5    | 0.25mm²       | PUR / PVC BLACK  | -                     | -                        | -30°C to +80°C, >7xO.D.        | -5°C to +80°C, >15xO.D.         | -                                                   | -      |
| P03        | 3 / 4 / 5    | 0.34mm²       | PUR / PVC BLACK  | -                     | -                        | -30°C to +80°C, >7xO.D.        | -5°C to +80°C, >15xO.D.         | -                                                   | -      |
| P18        | 4            | 0.20mm²       | PUR YELLOW       | -                     | -                        | -                              | -                               | -                                                   | -      |
| P82        | 3            | 0.34mm²       | PUR IRR ORANGE   | -                     | -                        | -50°C to +105°C, >5xO.D.       | -40°C to +105°C, >7.5xO.D.      | -                                                   | -      |
| K05        | 3 / 4 / 5    | 0.34mm²       | TPE YELLOW       | UL ITC E195601 or PLC | I/II A/B 90°C/300V       | -                              | -                               | -                                                   | -      |
| L03        | 3            | 0.34mm²       | Blend PUR ORANGE | -                     | -                        | -30°C to +90°C                 | -5°C to +90°C                   | -                                                   | -      |
| A10        | 3 / 4 / 5    | 0.25mm²       | PVC YELLOW       | UL 2661               | I/II A/B 105°C/300V      | -                              | -                               | -                                                   | -      |

FUNCTIONAL SYMBOLS  
FA= 0  
FE= 0  
FE= 0  
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: MATRIX UPDATED  
  
EC NO: 670691  
DRWN: RSCHIEBER 2021/07/19  
CHK'D: RSILLER 2021/07/19  
APPR: RSILLER 2021/07/19  
  
INITIAL REVISION:  
DRWN: AKONDRACIUK 2017/02/16  
APPR: MIWASIECZKO 2017/11/16  
  
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  
THIRD ANGLE PROJECTION  
DRAWING A3-SIZE  
SERIES 120086  
MATERIAL NUMBER SEE SHEET 3-4  
CUSTOMER GENERAL MARKET  
SHEET NUMBER 2 OF 4

molex

M8 SINGLE ENDED FEMALE STRAIGHT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER 1200860594  
DOC TYPE PSD  
DOC PART 000  
REVISION A8

DOCUMENT STATUS P1  
RELEASE DATE 2021/07/19 14:40:35

F

| 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           |

F

E

D

C

B

A

| CABLE LENGTH TOLERANCES |                          |                        |
|-------------------------|--------------------------|------------------------|
| 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 |

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| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/07/19 | 14:40:35 |
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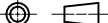
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## PART LIST

| 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           |
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|                                                                                                                                                                                   |                                                                                                                                               |  |       |                                                                                       |                                                                                                      |         |  |        |                                                         |                 |          |                |                          |              |  |
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| FUNCTIONAL SYMBOLS<br><br><div><math>\frac{F}{A} = 0</math></div><br><div><math>\frac{F}{E} = 0</math></div><br><div><math>\frac{F}{D} = 0</math></div><br><br>DIVISIONAL 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: MATRIX UPDATED                                                                     |         |  |        | <div>molex</div><br><br>M8 SINGLE ENDED FEMALE STRAIGHT |                 |          |                |                          |              |  |
|                                                                                                                                                                                   | mm                                                                                                                                            |  | 1:1   |                                                                                       |                                                                                                      |         |  |        |                                                         |                 |          |                |                          |              |  |
|                                                                                                                                                                                   | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |                                                                                       | EC NO: 670691<br>DRWN: RSCHIEBER 2021/07/19<br>CHK'D: RSILLER 2021/07/19<br>APPR: RSILLER 2021/07/19 |         |  |        |                                                         |                 |          |                | PRODUCT CUSTOMER DRAWING |              |  |
|                                                                                                                                                                                   | ANGULAR TOL ± °                                                                                                                               |  |       |                                                                                       |                                                                                                      |         |  |        |                                                         |                 |          |                |                          |              |  |
|                                                                                                                                                                                   | 4 PLACES                                                                                                                                      |  | ±     |                                                                                       |                                                                                                      |         |  |        |                                                         |                 |          |                |                          |              |  |
|                                                                                                                                                                                   | 3 PLACES                                                                                                                                      |  | ±     |                                                                                       |                                                                                                      |         |  |        |                                                         |                 |          |                |                          |              |  |
|                                                                                                                                                                                   | 2 PLACES                                                                                                                                      |  | ±     |                                                                                       |                                                                                                      |         |  |        |                                                         |                 |          |                |                          |              |  |
|                                                                                                                                                                                   | 1 PLACE                                                                                                                                       |  | ±     |                                                                                       | INITIAL REVISION:<br>DRWN: AKONDRACIUK 2017/02/16<br>APPR: MIWASIECZKO 2017/11/16                    |         |  |        | DOCUMENT NUMBER                                         |                 | DOC TYPE | DOC PART       | REVISION                 |              |  |
|                                                                                                                                                                                   | 0 PLACES                                                                                                                                      |  | ±     |                                                                                       |                                                                                                      |         |  |        | 1200860594                                              |                 | PSD      | 000            | A8                       |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                        |                                                                                                                                               |  |       | THIRD ANGLE PROJECTION                                                                |                                                                                                      | DRAWING |  | SERIES |                                                         | MATERIAL NUMBER |          | CUSTOMER       |                          | SHEET NUMBER |  |
|                                                                                                                                                                                   |                                                                                                                                               |  |       |  |                                                                                                      | A3-SIZE |  | 120086 |                                                         | SEE SHEET 3-4   |          | GENERAL MARKET |                          | 4 OF 4       |  |