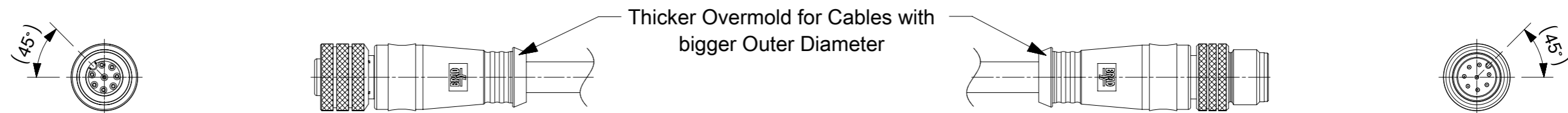
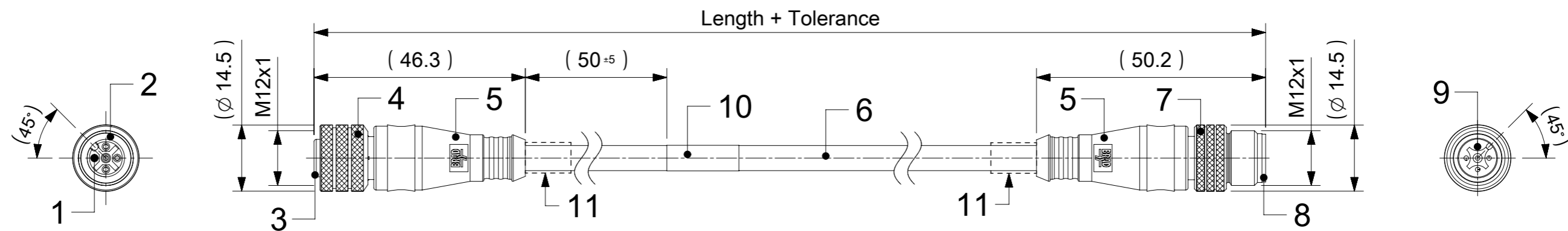


# FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



## NOTES:

RATED VOLTAGE: 3, 4 contacts 250V per IEC 60664  
 5 contacts 60V per IEC 60664  
 5 contacts 250V per UL 2238  
 8 contacts 30V per IEC 60664

RATED CURRENT: 3, 4, 5 contacts 4A  
 8 contacts 2A

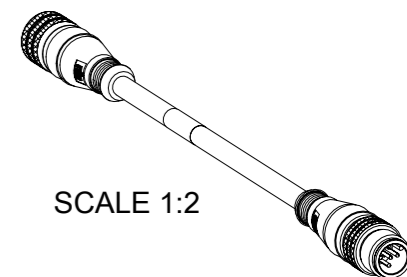
PROTECTION CLASS: IP 67

TEMPERATURE: -25°C / +85°C

CONTACTS POSITION FRONT VIEW:

|             | 3 CONTACTS |       | 4 CONTACTS |       | 5 CONTACTS |                      | 8 CONTACTS |        |
|-------------|------------|-------|------------|-------|------------|----------------------|------------|--------|
| FEMALE      |            |       |            |       |            |                      |            |        |
| MALE        |            |       |            |       |            |                      |            |        |
| CONNECTIONS | PIN        | WIRE  | PIN        | WIRE  | PIN        | WIRE                 | PIN        | WIRE   |
|             | 1          | BROWN | 1          | BROWN | 1          | BROWN                | 1          | WHITE  |
|             | 2          | ---   | 2          | WHITE | 2          | WHITE                | 2          | BROWN  |
|             | 3          | BLUE  | 3          | BLUE  | 3          | BLUE                 | 3          | GREEN  |
|             | 4          | BLACK | 4          | BLACK | 4          | BLACK                | 4          | YELLOW |
|             | 5          | ---   | 5          | ---   | 5          | GREY OR GREEN/YELLOW | 5          | GREY   |
|             |            |       |            |       |            |                      | 6          | PINK   |
|             |            |       |            |       |            |                      | 7          | BLUE   |
|             |            |       |            |       |            | 8                    | RED        |        |

CODING REQUIRED TO IEC 61076-2-101



SCALE 1:2

## FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

| ITEM | QTY.          | DESCRIPTION             | MATERIAL      | FINISH               |
|------|---------------|-------------------------|---------------|----------------------|
| 11   | SEE SHEET 2   | ID CARRIER              | PVC           | TRANSPARENT          |
| 10   | 1             | LABEL YELLOW            | VINYL         | ---                  |
|      | -             | PRINTING FOR CABLES Ixx | ---           | ---                  |
| 9    | 3 / 4 / 5 / 8 | CONTACT MALE            | SEE PART LIST | SELECTIVE Au OVER Ni |
| 8    | 1             | INSERT MALE BLACK       | TPU           | ---                  |
| 7    | 1             | COUPLING NUT MALE       | ---           | ---                  |
| 6    | -             | CABLE                   | SEE SHEET 2   | ---                  |
| 5    | -             | OVERMOULDING BLACK      | TPU           | ---                  |
| 4    | 1             | COUPLING NUT FEMALE     | ---           | ---                  |
| 3    | 1             | INSERT FEMALE BLACK     | PUR           | ---                  |
| 2    | 1             | ORING RED               | FPM           | ---                  |
| 1    | 3 / 4 / 5 / 8 | CONTACT FEMALE          | SEE PART LIST | SELECTIVE Au OVER Ni |

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

DIMENSION UNITS: mm SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED):

ANGULAR TOL ± 1.0°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE

SERIES: 120066

MATERIAL NUMBER: SEE PART LIST

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 4

EC NO: 734641

DRWN: RSCHIEBER 2022/12/01

CHK'D: RSILLER 2023/01/12

APPR: RSILLER 2023/01/12

INITIAL REVISION:

DRWN: JMARSZALEK 2016/09/19

APPR: RSILLER 2016/12/08

DOCUMENT NUMBER: 1200668165

DOC TYPE: PSD

DOC PART: 000

REVISION: A6

PRODUCT CUSTOMER DRAWING

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

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

## OPTIONS

88=Micro-Change  
M12x1  
Double ended

Contacts:  
3=3 Contacts  
4=4 Contacts  
5=5 Contacts  
8=8 Contacts

Heads style:  
030=Plug Female Straight  
to Plug Male Straight

Cable type: See Table

Units:  
M=Meter

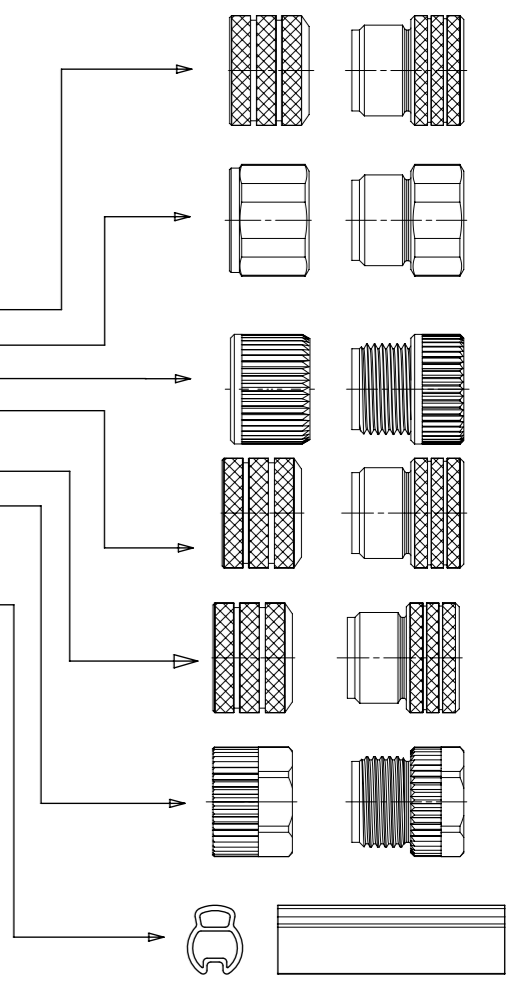
Length  
Examples:  
005=0.5 unit  
010=1 unit  
100=10 units

Coupling Nut:  
Blank (Standard)=Knurled Brass Ni Plated  
1=Hexagonal Stainless steel  
5=Knurled Derlin  
7=Knurled Brass Ni Plated, Teflon Coated  
Blank=7 for cables I20, I26, K03, K05, P82, S26  
8=Type 316 stainless steel  
9=Knurled / Hexagonal Brass Ni Plated SW13

H= 2 pcs. of I/D Carrier PVC Transparent  
(Cables Ixx & P82 always with 2 pcs. of I/D Carrier even if no H in Engineering No.)

Overmold color:  
Blank (Standard)=Black TPU  
Blank=Yellow PVC for cables  
A09, S19, S20, S26  
Blank=Yellow TPE-E for cables  
K03, K05  
A=Grey / G=Black / Y=Yellow

## COUPLING NUT FEMALE MALE




| 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 |

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: NEW P/N ADDED |            | <b>molex</b>                      |                 |                |
| mm   | 1:1     |                                 |            |                                   |                 |                |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |         |                                 |            | CSE M12 XP AC FE STR MA STR XM DE |                 |                |
| ANGULAR TOL  | ± 1.0 ° | EC NO: 734641                   |            | PRODUCT CUSTOMER DRAWING          |                 |                |
| 4 PLACES   | ±       | DRWN: RSCHIEBER                 | 2022/12/01 | DOCUMENT NUMBER                   |                 |                |
| 3 PLACES   | ±       | CHK'D: RSILLER                  | 2023/01/12 | 1200668165                        |                 |                |
| 2 PLACES   | ± 0.05  | APPR: RSILLER                   | 2023/01/12 | DOC TYPE                          | DOC PART        | REVISION       |
| 1 PLACE  | ± 0.3   | INITIAL REVISION:               |            | PSD                               | 000             | A6             |
| 0 PLACES   | ± 0.5   | DRWN: JMARSZALEK                | 2016/09/19 | SHEET NUMBER                      |                 |                |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         | THIRD ANGLE PROJECTION          | DRAWING    | SERIES                            | MATERIAL NUMBER | CUSTOMER       |
|  |         |                                 | A3-SIZE    | 120066                            | SEE PART LIST   | GENERAL MARKET |
|  |         |                                 |            |                                   |                 | 2 OF 4         |

# 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 |
|------------|--------------|---------------------|----------------|----------------|-----------------------|--------------------------------|---------------------------------|----------------------------|--------|
| A09        | 4            | 22AWG               | PVC YELLOW     | UL 2661        | I/II A/B 80°C/300V    | -                              | -                               | -                          | -      |
| B02        | 4            | 18AWG               | PUR YELLOW     | UL 20549       | I/II A/B 80°C/300V    | -                              | -                               | -                          | -      |
| E52        | 3 / 4        | 0.34mm <sup>2</sup> | PVC GREY       | -              | -                     | -30°C to +70°C                 | -5°C to +70°C                   | -                          | -      |
| E57        | 5            | 0.34mm <sup>2</sup> | PVC GREY       | -              | -                     | -                              | -5°C to +70°C                   | -                          | -      |
| I02        | 3 / 4 / 8    | 0.25mm <sup>2</sup> | PVC CEI GREY   | -              | -                     | -30°C to +70°C                 | -5°C to +70°C                   | -                          | -      |
| I03        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | PVC CEI GREY   | -              | -                     | -30°C to +70°C                 | -5°C to +70°C                   | -                          | -      |
| I20        | 3 / 4        | 0.34mm <sup>2</sup> | PVC CEI GREY   | -              | -                     | -30°C to +70°C                 | -5°C to +70°C                   | -                          | YES    |
| I26        | 5            | 0.34mm <sup>2</sup> | PVC CEI GREY   | -              | -                     | -30°C to +70°C                 | -5°C to +70°C                   | -                          | YES    |
| K03        | 4 / 5        | 18AWG               | TPE YELLOW     | UL ITC or PLC  | I/II A/B 90°C/300V    | max 105°C                      | -                               | -                          | -      |
| K05        | 3 / 4 / 5    | 22AWG               | TPE YELLOW     | UL ITC or PLTC | I/II A/B 90°C/300V    | max 105°C                      | -                               | -                          | -      |
| P04        | 4            | 0.50mm <sup>2</sup> | PUR BLACK      | -              | -                     | -40°C to +90°C, >7.5xO.D.      | -15°C to +90°C, >12.5xO.D.      | -                          | -      |
| P19        | 8            | 0.25mm <sup>2</sup> | PUR BLACK      | -              | -                     | -40°C to +90°C, >7.5xO.D.      | -15°C to +90°C, >12.5xO.D.      | 2 000 000 cycles, >15xO.D. | YES    |
| P20        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | PUR BLACK LS0H | -              | -                     | -30°C to +80°C                 | -                               | -                          | YES    |
| P82        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | PUR IRR ORANGE | -              | -                     | -50°C to +105°C, >5xO.D.       | -40°C to +105°C, >7.5xO.D.      | -                          | -      |
| S19        | 8            | 0.25mm <sup>2</sup> | PVC YELLOW     | UL 2661/1569   | C22.2 II A 105°C/300V | -30°C to +105°C, >10xO.D.      | -15°C to +105°C, >15xO.D.       | -                          | YES    |
| S20        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | PVC YELLOW     | UL 2661/1731   | C22.2 II A 105°C/300V | -30°C to +105°C                | -                               | -                          | YES    |
| S26        | 5            | 0.34mm <sup>2</sup> | PVC YELLOW     | UL 2661/1731   | C22.2 II A 105°C/300V | -30°C to +105°C                | -                               | -                          | YES    |

|   |         |  |                 |                 |  |                |            |              |          |          |
|---|---------|--|-----------------|-----------------|--|----------------|------------|--------------|----------|----------|
| 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: NEW P/N ADDED  |                 |                 |  |                |            |              |          |          |
| mm  | 1:1     | <br>CSE M12 XP AC FE STR MA STR XM DE |                 |                 |  |                |            |              |          |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |         |  |                 |                 |  |                |            |              |          |          |
| ANGULAR TOL   | ± 1.0 ° | PRODUCT CUSTOMER DRAWING   |                 |                 |  |                |            |              |          |          |
| 4 PLACES  | ±       | EC NO: 734641  | 2022/12/01      |                 |  |                |            |              |          |          |
| 3 PLACES  | ±       | DRWN: RSCHIEBER  | 2023/01/12      |                 |  |                |            |              |          |          |
| 2 PLACES  | ± 0.05  | CHK'D: RSILLER   | 2023/01/12      |                 |  |                |            |              |          |          |
| 1 PLACE   | ± 0.3   | APPR: RSILLER  | 2023/01/12      |                 |  |                |            |              |          |          |
| 0 PLACES  | ± 0.5   | INITIAL REVISION:  | DOCUMENT NUMBER |                 |  |                |            |              |          |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |         | DRWN: JMARSZALEK   | 2016/09/19      |                 |  |                | 1200668165 |              | DOC TYPE | DOC PART |
| THIRD ANGLE PROJECTION  |         | APPR: RSILLER  | 2016/12/08      |                 |  |                | PSD        |              | 000      | REVISION |
| DRAWING   |         | SERIES   |                 | MATERIAL NUMBER |  | CUSTOMER       |            | SHEET NUMBER |          |          |
| A3-SIZE   |         | 120066   |                 | SEE PART LIST   |  | GENERAL MARKET |            | 3 OF 4       |          |          |


# PART LIST

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 1   | 1200070023 | 884030S20M060H  | 6m           |
| 2   | 1200070095 | 883030I03M003   | 0.3m         |
| 3   | 1200070096 | 883030I03M006   | 0.6m         |
| 4   | 1200070097 | 883030I03M010   | 1m           |
| 5   | 1200070098 | 883030I03M020   | 2m           |
| 6   | 1200070099 | 883030I03M030   | 3m           |
| 7   | 1200070100 | 883030I03M050   | 5m           |
| 8   | 1200070101 | 883030I03M100   | 10m          |
| 9   | 1200070110 | 883030S20M010   | 1m           |
| 10  | 1200070111 | 883030S20M020   | 2m           |
| 11  | 1200070480 | 884030I03M010   | 1m           |
| 12  | 1200070481 | 884030I03M020   | 2m           |
| 13  | 1200070483 | 884030I03M050   | 5m           |
| 14  | 1200070484 | 884030I03M060   | 6m           |
| 15  | 1200070485 | 884030I03M100   | 10m          |
| 16  | 1200070499 | 884030S20M020   | 2m           |
| 17  | 1200070500 | 884030S20M030   | 3m           |
| 18  | 1200070502 | 884030S20M050   | 5m           |
| 19  | 1200070504 | 884030S20M100   | 10m          |
| 20  | 1200070597 | 885030S26M010   | 1m           |
| 21  | 1200070653 | 884030E52M200A  | 20m          |
| 22  | 1200070774 | 884030I03M006   | 0.6m         |
| 23  | 1200070785 | 884030I03M030   | 3m           |
| 24  | 1200070867 | 884030E52M100A  | 10m          |
| 25  | 1200070890 | 885030I26M010   | 1m           |
| 26  | 1200070891 | 885030I26M020   | 2m           |
| 27  | 1200070892 | 885030I26M030   | 3m           |
| 28  | 1200070956 | 883030E52M020A  | 2m           |
| 29  | 1200070961 | 885030I03M030   | 3m           |
| 30  | 1200071026 | 884030E52M010A  | 1m           |
| 31  | 1200071035 | 884030S20M010H  | 1m           |
| 32  | 1200071137 | 884030S20M030H  | 3m           |
| 33  | 1200071141 | 884030S20M020H  | 2m           |
| 34  | 1200071161 | 884030S20M100H  | 10m          |
| 35  | 1200071178 | 884030S20M006H  | 0.6m         |
| 36  | 1200071188 | 884030S20M050H  | 5m           |
| 37  | 1200071237 | 884030S20M005H  | 0.5m         |
| 38  | 1200071238 | 884030S20M015H  | 1.5m         |
| 39  | 1200071264 | 884030S20M040H  | 4m           |
| 40  | 1200071272 | 884030S20M005   | 0.5m         |
| 41  | 1200071279 | 885030I26M050   | 5m           |
| 42  | 1200071338 | 884030I20M030   | 3m           |
| 43  | 1200071343 | 883030E52M003A  | 0.3m         |
| 44  | 1200071624 | 884030E52M030A  | 3m           |
| 45  | 1200071627 | 884030I03M0205  | 2m           |
| 46  | 1200072106 | 885030I26M005   | 0.5m         |
| 47  | 1200072359 | 885030I26M015   | 1.5m         |

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 48  | 1200660271 | 884030A09M020   | 2m           |
| 49  | 1200660273 | 884030A09M0208  | 2m           |
| 50  | 1200660277 | 884030A09M030   | 3m           |
| 51  | 1200660286 | 884030A09M0508  | 5m           |
| 52  | 1200660291 | 884030A09M070   | 7m           |
| 53  | 1200660683 | 884030K05M003   | 0.3m         |
| 54  | 1200660684 | 884030K05M005   | 0.5m         |
| 55  | 1200660686 | 884030K05M006   | 0.6m         |
| 56  | 1200660687 | 884030K05M010   | 1m           |
| 57  | 1200660688 | 884030K05M015   | 1.5m         |
| 58  | 1200660689 | 884030K05M020   | 2m           |
| 59  | 1200660690 | 884030K05M030   | 3m           |
| 60  | 1200660691 | 884030K05M040   | 4m           |
| 61  | 1200660692 | 884030K05M050   | 5m           |
| 62  | 1200660693 | 884030K05M060   | 6m           |
| 63  | 1200660694 | 884030K05M080   | 8m           |
| 64  | 1200660695 | 884030K05M100   | 10m          |
| 65  | 1200660696 | 884030K05M120   | 12m          |
| 66  | 1200660697 | 884030K05M150   | 15m          |
| 67  | 1200660698 | 884030K05M180   | 18m          |
| 68  | 1200660699 | 884030K05M230   | 23m          |
| 69  | 1200660700 | 884030K05M300   | 30m          |
| 70  | 1200660857 | 884030B02M020   | 2m           |
| 71  | 1200660860 | 884030B02M030   | 3m           |
| 72  | 1200660862 | 884030B02M050   | 5m           |
| 73  | 1200660867 | 884030B02M100   | 10m          |
| 74  | 1200660878 | 884030K03M003   | 0.3m         |
| 75  | 1200660880 | 884030K03M006   | 0.6m         |
| 76  | 1200660881 | 884030K03M010   | 1m           |
| 77  | 1200660883 | 884030K03M020   | 2m           |
| 78  | 1200660887 | 884030K03M030   | 3m           |
| 79  | 1200660891 | 884030K03M040   | 4m           |
| 80  | 1200660895 | 884030K03M050   | 5m           |
| 81  | 1200660898 | 884030K03M060   | 6m           |
| 82  | 1200660899 | 884030K03M070   | 7m           |
| 83  | 1200660900 | 884030K03M080   | 8m           |
| 84  | 1200660901 | 884030K03M090   | 9m           |
| 85  | 1200660902 | 884030K03M100   | 10m          |
| 86  | 1200660904 | 884030K03M120   | 12m          |
| 87  | 1200660905 | 884030K03M140   | 14m          |
| 88  | 1200660906 | 884030K03M150   | 15m          |
| 89  | 1200660907 | 884030K03M160   | 16m          |
| 90  | 1200660909 | 884030K03M200   | 20m          |
| 91  | 1200660911 | 884030K03M250   | 25m          |
| 92  | 1200660915 | 884030K05M070   | 7m           |
| 93  | 1200660918 | 884030K05M140   | 14m          |
| 94  | 1200660921 | 884030K05M200   | 20m          |

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 95  | 1200660922 | 884030K05M210   | 21m          |
| 96  | 1200661034 | 885030K03M010   | 1m           |
| 97  | 1200661035 | 885030K03M020   | 2m           |
| 98  | 1200661036 | 885030K03M030   | 3m           |
| 99  | 1200661038 | 885030K03M050   | 5m           |
| 100 | 1200661042 | 885030K03M090   | 9m           |
| 101 | 1200661043 | 885030K03M100   | 10m          |
| 102 | 1200661044 | 885030K03M150   | 15m          |
| 103 | 1200661434 | 884030E52M020A  | 2m           |
| 104 | 1200661438 | 884030K05M250   | 25m          |
| 105 | 1200661441 | 884030K05M190   | 19m          |
| 106 | 1200661472 | 884030E52M050A  | 5m           |
| 107 | 1200661543 | 884030K03M180   | 18m          |
| 108 | 1200661574 | 888030S19M120   | 12m          |
| 109 | 1200661575 | 888030S19M030   | 3m           |
| 110 | 1200661576 | 888030S19M050   | 5m           |
| 111 | 1200661577 | 888030S19M100   | 10m          |
| 112 | 1200661664 | 885030K03M005   | 0.5m         |
| 113 | 1200661685 | 885030K03M120   | 12m          |
| 114 | 1200661906 | 884030K03M500   | 50m          |
| 115 | 1200665012 | 885030P82M0307  | 3m           |
| 116 | 1200665368 | 884030K05M280   | 28m          |
| 117 | 1200668001 | 884030K03M110   | 11m          |
| 118 | 1200668003 | 884030K03M005   | 0.5m         |
| 119 | 1200668004 | 884030K03M240   | 24m          |
| 120 | 1200668068 | 884030S20M010   | 1m           |
| 121 | 1200668082 | 885030I26M006   | 0.6m         |
| 122 | 1200668090 | 885030S26M020H  | 2m           |
| 123 | 1200668165 | 885030I03M100   | 10m          |
| 124 | 1200668172 | 883030S20M050   | 5m           |
| 125 | 1200668281 | 885030I26M025   | 2.5m         |
| 126 | 1200668310 | 883030S20M005   | 0.5m         |
| 127 | 1200668371 | 883030I03M040   | 4m           |
| 128 | 1200668372 | 884030I03M040   | 4m           |
| 129 | 1200668505 | 884030P20M010   | 1m           |
| 130 | 1200668506 | 884030P20M020   | 2m           |
| 131 | 1200668507 | 884030P20M050   | 5m           |
| 132 | 1200668508 | 884030P20M100   | 10m          |

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 133 | 1200668615 | 884030K05M050H  | 5m           |
| 134 | 1200668616 | 884030K05M100H  | 10m          |
| 135 | 1200668632 | 883030I03M020Y  | 2m           |
| 136 | 1200668633 | 883030I03M030Y  | 3m           |
| 137 | 1200668634 | 883030I03M050Y  | 5m           |
| 138 | 1200668637 | 884030I03M020Y  | 2m           |
| 139 | 1200668638 | 884030I03M100Y  | 10m          |
| 140 | 1200668639 | 885030I26M010Y  | 1m           |
| 141 | 1200668640 | 885030I26M020Y  | 2m           |
| 142 | 1200668641 | 885030I26M030Y  | 3m           |
| 143 | 1200668642 | 885030I03M030Y  | 3m           |
| 144 | 1200668736 | 885030I26M015Y  | 1.5m         |
| 145 | 1200668773 | 885030P82M0107  | 1m           |
| 146 | 1200668873 | 885030I26M050Y  | 5m           |
| 147 | 1200669113 | 884030A09M0308  | 3m           |
| 148 | 1200669149 | 883030I03M010Y  | 1m           |
| 149 | 1200669218 | 885030I03M100Y  | 10m          |
| 150 | 1200669227 | 884030K05M500   | 50m          |
| 151 | 1200669228 | 884030K05M600   | 60m          |
| 152 | 1200660166 | 883030A09M010   | 1m           |
| 153 | 1200660261 | 884030A09M005   | 0.5m         |
| 154 | 1200660262 | 884030A09M006   | 0.6m         |
| 155 | 1200660266 | 884030A09M010   | 1m           |
| 156 | 1200660269 | 884030A09M015   | 1.5m         |
| 157 | 1200660294 | 884030A09M080   | 8m           |
| 158 | 1200660299 | 884030A09M1008  | 10m          |
| 159 | 1200660434 | 885030A09M050   | 5m           |
| 160 | 1200661037 | 885030K03M040   | 4m           |
| 161 | 1200661039 | 885030K03M060   | 6m           |
| 162 | 1200661041 | 885030K03M080   | 8m           |
| 163 | 1200661684 | 885030K03M300   | 30m          |
| 164 | 1200661686 | 885030K03M180   | 18m          |
| 165 | 1200661687 | 885030K03M230   | 23m          |
| 166 | 1200668081 | 885030E57M100A  | 10m          |
| 167 | 1200669948 | 884030K05M032   | 3.2m         |

|   |  |       |  |  |  |                 |  |                 |  |
|---|--|-------|--|--|--|-----------------|--|-----------------|--|
| 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: NEW P/N ADDED  |  |                 |  |                 |  |
| mm  |  | 1:1   |  | <br>CSE M12 XP AC FE STR MA STR XM DE |  |                 |  |                 |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |       |  |  |  |                 |  |                 |  |
| ANGULAR TOL ± 1.0°  |  |       |  | PRODUCT CUSTOMER DRAWING   |  |                 |  |                 |  |
| 4 PLACES ±  |  |       |  | EC NO: 734641  |  | 2022/12/01      |  |                 |  |
| 3 PLACES ±  |  |       |  | DRWN: RSCHIEBER  |  | 2023/01/12      |  |                 |  |
| 2 PLACES ± 0.05   |  |       |  | CHK'D: RSILLER   |  | 2023/01/12      |  |                 |  |
| 1 PLACE ± 0.3   |  |       |  | APPR: RSILLER  |  |                 |  |                 |  |
| 0 PLACES ± 0.5  |  |       |  | INITIAL REVISION:  |  |                 |  |                 |  |
|   |  |       |  | DRWN: JMARSZALEK   |  | 2016/09/19      |  | DOCUMENT NUMBER |  |
|   |  |       |  | APPR: RSILLER  |  | 2016/12/08      |  | 1200668165      |  |
|   |  |       |  | THIRD ANGLE PROJECTION   |  | DRAWING         |  | DOC TYPE        |  |
|   |  |       |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |  | A3-SIZE         |  | PSD             |  |
|   |  |       |  |  |  | SERIES          |  | DOC PART        |  |
|   |  |       |  |  |  | 120066          |  | 000             |  |
|   |  |       |  |  |  | MATERIAL NUMBER |  | REVISION        |  |
|   |  |       |  |  |  | SEE PART LIST   |  | A6              |  |
|   |  |       |  |  |  | CUSTOMER        |  | SHEET NUMBER    |  |
|   |  |       |  |  |  | GENERAL MARKET  |  | 4 OF 4          |  |