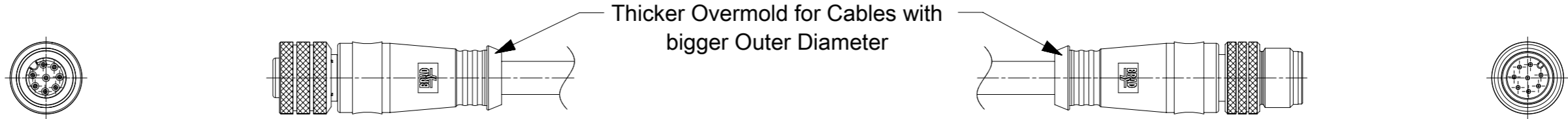
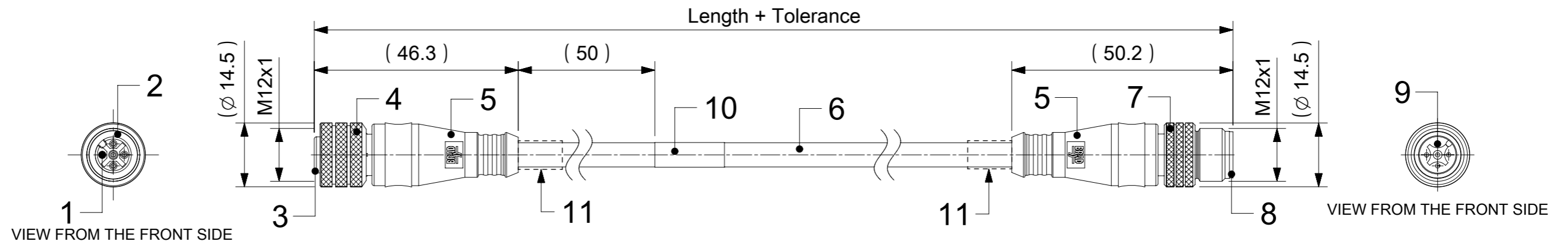


# FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



**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          | GREY  | 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         | -                          |
| 9    | 3 / 4 / 5 / 8 | CONTACT MALE        | SEE PART LIST | SELECTIVE GOLD OVER NICKEL |
| 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             | O-RING RED          | FPM           | -                          |
| 1    | 3 / 4 / 5 / 8 | CONTACT FEMALE      | SEE PART LIST | SELECTIVE GOLD OVER NICKEL |

|  |   |                        |                                 |              |
|--|---|------------------------|---------------------------------|--------------|
| 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: ADDED NEW PNS |              |
| ▲/A = 0  | mm  | SCALE                  | 1:1                             |              |
| ▽/E = 0  | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                        |                                 |              |
| ▽/E = 0  | ANGULAR TOL ± 1.0°  |                        |                                 |              |
| DIVISIONAL SYMBOLS                                   | 4 PLACES  | ±                      | EC NO: 692872                   |              |
|  | 3 PLACES  | ±                      | DRWN: MDHARMANTI                | 2021/12/02   |
|  | 2 PLACES  | ± 0.05                 | CHK'D: RSILLER                  | 2022/01/24   |
|  | 1 PLACE   | ± 0.3                  | APPR: RSILLER                   | 2022/01/24   |
| 0 PLACES   | ± 0.5   | INITIAL REVISION:      |                                 |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   | THIRD ANGLE PROJECTION | DRAWING                         | SERIES       |
|  |   |                        | A3-SIZE                         | 120066       |
|  |   | MATERIAL NUMBER        | CUSTOMER                        | SHEET NUMBER |
|  |   | SEE SHEET 3-4          | GENERAL MARKET                  | 1 OF 4       |

**molex**

CSE M12 XP AC FE STR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER  
**1200668084**

DOC TYPE DOC PART REVISION  
PSD 000 A14

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

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  
C=Centimeter

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

Overmold color:  
Blank (Standard)=Black  
A=Grey / G=Black / Y=Yellow

Coupling Nut:  
Blank (Standard) & 3=Knurled Brass Ni Plated  
1=Hexagonal Stainless steel  
5=Knurled Derlin  
7=Knurled Brass Ni Plated, Teflon Coated  
8=Type 316 stainless steel  
9=Knurled / Hexagonal Brass Ni Plated SW13

H= 2 pcs. of I/D Carrier PVC Transparent

COUPLING NUTS  
FEMALE MALE



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 / 8 | 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.         | -   | -      |
| E03        | 3 / 4 / 5     | 0.34mm <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.         | -   | -      |
| H08        | 3 / 4 / 5 / 8 | 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 | -      |
| P02        | 3 / 4 / 5 / 8 | 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.          | -   | -      |

| 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: ADDED NEW PNS       |                                | <b>molex</b>                       |               |               |
|                    | DIMENSION UNITS: <b>mm</b><br>SCALE: <b>1:1</b>   | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                |                                    |               |               |
| DIVISIONAL SYMBOLS | ANGULAR TOL ± 1.0°  | EC NO: 692872                         | 2021/12/02                     | CSE M12 XP AC FE STR MA STR XM DE  |               |               |
|                    | 4 PLACES ±  | DRWN: MDHARMANTI                      | 2022/01/24                     | PRODUCT CUSTOMER DRAWING           |               |               |
|                    | 3 PLACES ±  | CHK'D: RSILLER                        | 2022/01/24                     | DOCUMENT NUMBER: <b>1200668084</b> |               |               |
|                    | 2 PLACES ± 0.05   | APPR: RSILLER                         | 2022/01/24                     | DOC TYPE: PSD                      | DOC PART: 000 | REVISION: A14 |
|                    | 1 PLACE ± 0.3   | INITIAL REVISION:                     |                                | SHEET NUMBER: 2 OF 4               |               |               |
| 0 PLACES ± 0.5     | DRWN: JMARSZALEK  | 2016/09/16                            | MATERIAL NUMBER: SEE SHEET 3-4 |                                    |               |               |
|                    | APPR: RSILLER   | 2016/12/08                            | CUSTOMER: GENERAL MARKET       |                                    |               |               |
|                    | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  | THIRD ANGLE PROJECTION                | DRAWING: A3-SIZE               | SERIES: 120066                     |               |               |

# PART LIST

| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 1   | 1200060049 | 884030E03M050   | 5m     |
| 2   | 1200060050 | 884030P03M015   | 1.5m   |
| 3   | 1200060051 | 884030P03M030   | 3m     |
| 4   | 1200070081 | 883030E03M006   | 0.6m   |
| 5   | 1200070083 | 883030E03M010   | 1m     |
| 6   | 1200070085 | 883030E03M020   | 2m     |
| 7   | 1200070086 | 883030E03M0205  | 2m     |
| 8   | 1200070088 | 883030E03M030   | 3m     |
| 9   | 1200070091 | 883030E03M050   | 5m     |
| 10  | 1200070092 | 883030E03M0505  | 5m     |
| 11  | 1200070093 | 883030E03M100   | 10m    |
| 12  | 1200070102 | 883030P03M003   | 0.3m   |
| 13  | 1200070104 | 883030P03M006   | 0.6m   |
| 14  | 1200070105 | 883030P03M100   | 10m    |
| 15  | 1200070470 | 884030E03M003   | 0.3m   |
| 16  | 1200070472 | 884030E03M006   | 0.6m   |
| 17  | 1200070473 | 884030E03M010   | 1m     |
| 18  | 1200070474 | 884030E03M020   | 2m     |
| 19  | 1200070475 | 884030E03M030   | 3m     |
| 20  | 1200070476 | 884030E03M100   | 10m    |
| 21  | 1200070486 | 884030P03M003   | 0.3m   |
| 22  | 1200070487 | 884030P03M006   | 0.6m   |
| 23  | 1200070488 | 884030P03M010   | 1m     |
| 24  | 1200070489 | 884030P03M020   | 2m     |
| 25  | 1200070490 | 884030P03M050   | 5m     |
| 26  | 1200070586 | 885030E03M030   | 3m     |
| 27  | 1200070596 | 885030P03M020   | 2m     |
| 28  | 1200070906 | 885030E03M010   | 1m     |
| 29  | 1200070969 | 885030E03M050   | 5m     |
| 30  | 1200070970 | 885030E03M020   | 2m     |
| 31  | 1200071006 | 883030E03M020H  | 2m     |
| 32  | 1200071029 | 884030P03M100   | 10m    |
| 33  | 1200071047 | 883030P03M050H  | 5m     |
| 34  | 1200071049 | 885030P03M050   | 5m     |
| 35  | 1200071053 | 883030P03M150   | 15m    |


| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 36  | 1200071114 | 883030P03M020H  | 2m     |
| 37  | 1200071122 | 883030P03M030H  | 3m     |
| 38  | 1200071123 | 883030P03M010H  | 1m     |
| 39  | 1200071131 | 883030P03M0201  | 2m     |
| 40  | 1200071199 | 884030E03M200   | 20m    |
| 41  | 1200071273 | 883030P03M100H  | 10m    |
| 42  | 1200071284 | 885030P03M100   | 10m    |
| 43  | 1200071288 | 883030P03M060   | 6m     |
| 44  | 1200071408 | 885030P03M030   | 3m     |
| 45  | 1200071500 | 885030E03M005   | 0.5m   |
| 46  | 1200071583 | 885030E03M080   | 8m     |
| 47  | 1200071594 | 884030E03M015   | 1.5m   |
| 48  | 1200071596 | 884030E03M060   | 6m     |
| 49  | 1200071703 | 884030E03M0205  | 2m     |
| 50  | 1200071707 | 884030E03M0505  | 5m     |
| 51  | 1200071715 | 884030E03M150   | 15m    |
| 52  | 1200071774 | 884030E03M020H  | 2m     |
| 53  | 1200071793 | 884030E03M1501  | * 15m  |
| 54  | 1200071881 | 884030E03M1005  | 10m    |
| 55  | 1200071947 | 885030P03M007   | 0.7m   |
| 56  | 1200071948 | 885030E03M040   | 4m     |
| 57  | 1200072010 | 884030P03M050H  | 5m     |
| 58  | 1200072081 | 885030E03M035   | 3.5m   |
| 59  | 1200072092 | 884030E03M040   | 4m     |
| 60  | 1200072104 | 883030P03M040   | 4m     |
| 61  | 1200072105 | 884030P03M200   | 20m    |
| 62  | 1200072172 | 884030E03M050H  | 5m     |
| 63  | 1200072544 | 884030E03M120   | 12m    |
| 64  | 1200072649 | 884030P03M0105  | 1m     |
| 65  | 1200072650 | 884030P03M0505  | 5m     |
| 66  | 1200072656 | 885030P03M120   | 12m    |
| 67  | 1200072658 | 883030P03M120   | 12m    |
| 68  | 1200072697 | 885030E03M060   | 6m     |
| 69  | 1200072744 | 884030E03M0501  | * 5m   |
| 70  | 1200072762 | 884030P03M0101  | 1m     |

| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 71  | 1200072763 | 884030P03M0201  | 2m     |
| 72  | 1200072764 | 884030P03M0301  | 3m     |
| 73  | 1200072803 | 884030P03M040   | 4m     |
| 74  | 1200072804 | 884030P03M060   | 6m     |
| 75  | 1200073049 | 885030P03M0501  | 5m     |
| 76  | 1200073083 | 885030P03M006   | 0.6m   |
| 77  | 1200073084 | 885030P03M150   | 15m    |
| 78  | 1200660498 | 883030P03M010   | 1m     |
| 79  | 1200660500 | 883030P03M020   | 2m     |
| 80  | 1200660501 | 883030P03M030   | 3m     |
| 81  | 1200660502 | 883030P03M050   | 5m     |
| 82  | 1200660579 | 888030P02M010   | 1m     |
| 83  | 1200660580 | 888030P02M020   | 2m     |
| 84  | 1200660581 | 888030P02M030   | 3m     |
| 85  | 1200660582 | 888030P02M040   | 4m     |
| 86  | 1200660583 | 888030P02M050   | 5m     |
| 87  | 1200660584 | 888030P02M060   | 6m     |
| 88  | 1200660585 | 888030P02M100   | 10m    |
| 89  | 1200660586 | 888030P02M150   | 15m    |
| 90  | 1200661455 | 888030P02M005   | 0.5m   |
| 91  | 1200661605 | 888030P02M300   | 30m    |
| 92  | 1200665009 | 884030E03M005   | 0.5m   |
| 93  | 1200665031 | 884030P03M100H  | 10m    |
| 94  | 1200668062 | 884030E03M010H  | 1m     |
| 95  | 1200668084 | 885030P03M010   | 1m     |
| 96  | 1200668086 | 885030P03M0283  | 2.8m   |
| 97  | 1200668088 | 885030P03M070   | 7m     |
| 98  | 1200668163 | 885030P03M040   | 4m     |
| 99  | 1200668174 | 884030H09M030   | 3m     |
| 100 | 1200668234 | 884030H09M020   | 2m     |
| 101 | 1200668238 | 885030P03M200   | 20m    |
| 102 | 1200668244 | 884030H09M050   | 5m     |
| 103 | 1200668288 | 888030E02M025   | 2.5m   |
| 104 | 1200668327 | 888030P02M200   | 20m    |
| 105 | 1200668338 | 885030E03M006   | 0.6m   |

| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 106 | 1200668347 | 885030E03M100   | 10m    |
| 107 | 1200668352 | 888030P02M250   | 25m    |
| 108 | 1200668353 | 888030P02M350   | 35m    |
| 109 | 1200668354 | 888030P02M400   | 40m    |
| 110 | 1200668370 | 883030E03M040   | 4m     |
| 111 | 1200668373 | 883030H09M006   | 0.6m   |
| 112 | 1200668374 | 883030H09M010   | 1m     |
| 113 | 1200668375 | 883030H09M030   | 3m     |
| 114 | 1200668376 | 883030H09M040   | 4m     |
| 115 | 1200668377 | 883030H09M100   | 10m    |
| 116 | 1200668378 | 884030H09M006   | 0.6m   |
| 117 | 1200668379 | 884030H09M010   | 1m     |
| 118 | 1200668380 | 884030H09M040   | 4m     |
| 119 | 1200668381 | 884030H09M100   | 10m    |
| 120 | 1200668399 | 888030E02M003   | 0.3m   |
| 121 | 1200668486 | 884030H09M023   | 2.3m   |
| 122 | 1200668487 | 885030E03M200   | 20m    |
| 123 | 1200668491 | 888030H08M010   | 1m     |
| 124 | 1200668497 | 885030H09M010   | 1m     |
| 125 | 1200668500 | 885030H09M020   | 2m     |
| 126 | 1200668501 | 885030H09M050   | 5m     |
| 127 | 1200668502 | 885030H09M092   | 9.2m   |
| 128 | 1200668509 | 885030H09M006   | 0.6m   |
| 129 | 1200668510 | 885030H09M030   | 3m     |
| 130 | 1200668511 | 885030H09M100   | 10m    |
| 131 | 1200668521 | 885030E03M250   | 25m    |
| 132 | 1200668528 | 885030E03M020H  | 2m     |
| 133 | 1200668530 | 885030E03M010H  | 1m     |
| 134 | 1200668543 | 888030P02M450   | 45m    |
| 135 | 1200668544 | 888030P02M500   | 50m    |
| 136 | 1200668548 | 884030H09M006H  | 0.6m   |
| 137 | 1200668549 | 884030H09M010H  | 1m     |
| 138 | 1200668550 | 884030H09M050H  | 5m     |
| 139 | 1200668602 | 885030P03M020G  | 2m     |
| 140 | 1200668609 | 885030E02M050   | 5m     |

## NOTES:

\* - Part No. with Yellow PVC overmolding

|  |   |   |   |  |  |
|--|---|---|---|--|--|
| 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: ADDED NEW PNS   |  |                                     |
|  | $\nabla_A = 0$<br>$\nabla_B = 0$<br>$\nabla_C = 0$  | DIMENSION UNITS: <b>mm</b><br>SCALE: <b>1:1</b> | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>ANGULAR TOL ± 1.0°<br>4 PLACES ±<br>3 PLACES ±<br>2 PLACES ± 0.05<br>1 PLACE ± 0.3<br>0 PLACES ± 0.5 |  |  |
| DIVISIONAL SYMBOLS   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |   | THIRD ANGLE PROJECTION  | DRAWING: <b>A3-SIZE</b><br>SERIES: <b>120066</b> | PRODUCT CUSTOMER DRAWING<br>DOCUMENT NUMBER: <b>1200668084</b><br>DOC TYPE: PSD<br>DOC PART: 000<br>REVISION: <b>A14</b> |
| MATERIAL NUMBER: <b>SEE PART LIST</b><br>CUSTOMER: <b>GENERAL MARKET</b> |   |   | SHEET NUMBER: <b>3 OF 4</b>   |  |  |

# PART LIST

| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 141 | 1200668646 | 883030P03M030HY | 3m     |
| 142 | 1200668652 | 885030E03M070   | 7m     |
| 143 | 1200668656 | 885030E02M100   | 10m    |
| 144 | 1200668657 | 885030E02M020   | 2m     |
| 145 | 1200668661 | 884030E02M0031  | * 0.3m |
| 146 | 1200668662 | 883030E02M006   | 0.6m   |
| 147 | 1200668664 | 885030E02M010   | 1m     |
| 148 | 1200668672 | 884030E03M0051  | * 0.5m |
| 149 | 1200668674 | 885030E03M150   | 15m    |
| 150 | 1200668683 | 885030H09M150   | 15m    |
| 151 | 1200668684 | 885030H09M200   | 20m    |
| 152 | 1200668687 | 884030P03M005   | 0.5m   |
| 153 | 1200668689 | 884030H08M030   | 3m     |
| 154 | 1200668690 | 883030P03M020YH | 2m     |
| 155 | 1200668691 | 883030P03M010YH | 1m     |
| 156 | 1200668712 | 883030P03M100HY | 10m    |
| 157 | 1200668713 | 883030P03M050HY | 5m     |
| 158 | 1200668714 | 884030H09M0209  | 2m     |
| 159 | 1200668715 | 884030H09M003   | 0.3m   |
| 160 | 1200668718 | 884030E03M250   | 25m    |
| 161 | 1200668719 | 884030E03M300   | 30m    |
| 162 | 1200668720 | 884030P03M150   | 15m    |
| 163 | 1200668721 | 884030P03M250   | 25m    |
| 164 | 1200668722 | 884030P03M300   | 30m    |
| 165 | 1200668723 | 884030P03M350   | 35m    |
| 166 | 1200668724 | 884030P03M400   | 40m    |
| 167 | 1200668737 | 884030H09M055   | 5.5m   |
| 168 | 1200668754 | 884030P03M020H  | 2m     |
| 169 | 1200668765 | 885030P03M015   | 1.5m   |
| 170 | 1200668770 | 884030E03M350   | 35m    |
| 171 | 1200668771 | 884030E03M400   | 40m    |
| 172 | 1200668774 | 888030H08M100   | 10m    |
| 173 | 1200668775 | 885030P03M300   | 30m    |
| 174 | 1200668777 | 888030E02M020   | 2m     |
| 175 | 1200668778 | 888030E02M030   | 3m     |


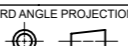
| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 176 | 1200668779 | 888030E02M050   | 5m     |
| 177 | 1200668780 | 888030E02M100   | 10m    |
| 178 | 1200668784 | 885030E03M300   | 30m    |
| 179 | 1200668785 | 885030E03M350   | 35m    |
| 180 | 1200668786 | 884030E03M070   | 7m     |
| 181 | 1200668794 | 885030P03M006H  | 0.6m   |
| 182 | 1200668795 | 885030P03M010H  | 1m     |
| 183 | 1200668796 | 885030P03M030H  | 3m     |
| 184 | 1200668797 | 885030P03M050H  | 5m     |
| 185 | 1200668798 | 885030P03M100H  | 10m    |
| 186 | 1200668800 | 885030P03M200H  | 20m    |
| 187 | 1200668801 | 885030P03M300H  | 30m    |
| 188 | 1200668802 | 885030P03M350H  | 35m    |
| 189 | 1200668803 | 888030P02M010H  | 1m     |
| 190 | 1200668804 | 888030P02M020H  | 2m     |
| 191 | 1200668805 | 888030P02M030H  | 3m     |
| 192 | 1200668806 | 888030P02M050H  | 5m     |
| 193 | 1200668807 | 888030P02M100H  | 10m    |
| 194 | 1200668808 | 888030P02M150H  | 15m    |
| 195 | 1200668809 | 888030P02M200H  | 20m    |
| 196 | 1200668810 | 888030P02M350H  | 35m    |
| 197 | 1200668815 | 884030P03M0805  | 8m     |
| 198 | 1200668853 | 885030H09M040   | 4m     |
| 199 | 1200668854 | 885030H09M060   | 6m     |
| 200 | 1200668903 | 885030P03C130   | 0.13m  |
| 201 | 1200668972 | 885030E03M003   | 0.3m   |
| 202 | 1200668973 | 885030E03M025   | 2.5m   |
| 203 | 1200668980 | 885030E03M080H  | 8m     |
| 204 | 1200668981 | 885030E03M040H  | 4m     |
| 205 | 1200668982 | 885030E03M060H  | 6m     |
| 206 | 1200668985 | 885030E03M030H  | 3m     |
| 207 | 1200669111 | 885030P03M150H  | 15m    |
| 208 | 1200669117 | 888030H08M040   | 4m     |
| 209 | 1200669133 | 888030P02M3008  | 30m    |
| 210 | 1200669134 | 883030H09M015   | 1.5m   |

| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 211 | 1200669135 | 883030H09M200   | 20m    |
| 212 | 1200669153 | 883030E03M0101  | 1m     |
| 213 | 1200669161 | 888030H08M150   | 15m    |
| 214 | 1200669212 | 888030H08M050   | 5m     |
| 215 | 1200669310 | 888030H08M005   | 0.5m   |
| 216 | 1200669311 | 888030H08M008   | 0.8m   |
| 217 | 1200669312 | 888030H08M012   | 1.2m   |
| 218 | 1200669313 | 888030H08M015   | 1.5m   |
| 219 | 1200669314 | 888030H08C250   | 0.25m  |
| 220 | 1200669353 | 888030P02M130   | 13m    |
| 221 | 1200669423 | 884030E03M025   | 2.5m   |
| 222 | 1200669424 | 884030E03M035   | 3.5m   |
| 223 | 1200669437 | 888030H08M200   | 20m    |
| 224 | 1200669477 | 888030E02M300   | 30m    |
| 225 | 1200669478 | 888030E02M400   | 40m    |
| 226 | 1200669479 | 888030E02M500   | 50m    |
| 227 | 1200669499 | 883030E03M080   | 8m     |
| 228 | 1200669500 | 883030E03M120   | 12m    |
| 229 | 1200669501 | 883030E03M140   | 14m    |
| 230 | 1200669502 | 883030E03M160   | 16m    |
| 231 | 1200669503 | 883030E03M180   | 18m    |
| 232 | 1200669508 | 884030E03M080   | 8m     |
| 233 | 1200669509 | 884030E03M140   | 14m    |
| 234 | 1200669510 | 884030E03M160   | 16m    |
| 235 | 1200669511 | 883030E03M060   | 6m     |
| 236 | 1200669561 | 883030E02M050   | 5m     |
| 237 | 1200669350 | 883030H09M030H  | 3m     |
| 238 | 1200669609 | 883030E02M0201  | 2m     |
| 239 | 1200669717 | 884030P03M080   | 8m     |
| 240 | 1200669522 | 883030E03M200   | 20m    |
| 241 | 1200669523 | 883030E03M250   | 25m    |
| 242 | 1200669752 | 884030H09M015H  | 1.5m   |
| 243 | 1200669759 | 884030H09M020H  | 2.0m   |
| 244 | 1200669753 | 884030H09M025H  | 2.5m   |
| 245 | 1200669758 | 884030H09M030H  | 3.0m   |

| No. | MOLEX PN   | Engineering No. | Length |
|-----|------------|-----------------|--------|
| 246 | 1200669754 | 884030H09M035H  | 3.5m   |
| 247 | 1200669760 | 884030H09M040H  | 4.0m   |
| 248 | 1200669755 | 884030H09M045H  | 4.5m   |
| 249 | 1200669764 | 884030H09M055H  | 5.5m   |
| 250 | 1200669761 | 885030H09M010H  | 1.0m   |
| 251 | 1200669756 | 885030H09M015H  | 1.5m   |
| 252 | 1200669762 | 885030H09M020H  | 2.0m   |
| 253 | 1200669757 | 885030H09M025H  | 2.5m   |
| 254 | 1200669763 | 885030H09M030H  | 3.0m   |
| 255 | 1200669878 | 884030E03M002H  | 0.2m   |
| 256 | 1200669879 | 884030E03M004H  | 0.4m   |
| 257 | 1200669880 | 884030E03M009H  | 0.9m   |
| 258 | 1200669881 | 884030E03M013H  | 1.3m   |
| 259 | 1200669882 | 884030E03M016H  | 1.6m   |
| 260 | 1200669883 | 884030E03M180H  | 18m    |
| 261 | 1200669884 | 884030E03M800H  | 80m    |
| 262 | 1200669905 | 885030E03M085H  | 8.5m   |
| 263 | 1200669906 | 885030E03M090H  | 9m     |
| 264 | 1200669907 | 885030E03M110H  | 11m    |
| 265 | 1200669926 | 884030H09M065H  | 6.5m   |
| 266 | 1200669927 | 884030H09M070H  | 7.0m   |
| 267 | 1200669931 | 884030H09M075H  | 7.5m   |
| 268 | 1200669932 | 884030H09M080H  | 8.0m   |
| 269 |            |                 |        |
| 270 |            |                 |        |
| 271 |            |                 |        |
| 272 |            |                 |        |
| 273 |            |                 |        |
| 274 |            |                 |        |
| 275 |            |                 |        |
| 276 |            |                 |        |
| 277 |            |                 |        |
| 278 |            |                 |        |
| 279 |            |                 |        |
| 280 |            |                 |        |

## NOTES:

\* - Part No. with Yellow PVC overmolding

|  |   |   |  |   |                 |                 |                 |
|--|---|---|--|---|-----------------|-----------------|-----------------|
| 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: ADDED NEW PNS   |  |  |                 |                 |                 |
|  | $\nabla_A = 0$<br>$\nabla_B = 0$<br>$\nabla_C = 0$  | DIMENSION UNITS: <b>mm</b><br>SCALE: <b>1:1</b>                                       | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>ANGULAR TOL ± 1.0°                        |   |                 |                 |                 |
| DIVISIONAL SYMBOLS                                   | EC NO: 692872   | DRWN: MDHARMANTI  | 2021/12/02   | PRODUCT CUSTOMER DRAWING  |                 |                 |                 |
|  | 4 PLACES ±<br>3 PLACES ±<br>2 PLACES ± 0.05<br>1 PLACE ± 0.3<br>0 PLACES ± 0.5  | APPR: RSILLER<br>2022/01/24   | INITIAL REVISION:<br>DRWN: JMARSZALEK<br>APPR: RSILLER<br>2016/09/16<br>2016/12/08 | DOCUMENT NUMBER<br><b>1200668084</b>  | DOC TYPE<br>PSD | DOC PART<br>000 | REVISION<br>A14 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   | THIRD ANGLE PROJECTION  | DRAWING  | SERIES  | MATERIAL NUMBER | CUSTOMER        | SHEET NUMBER    |
|  |   |  | A3-SIZE  | 120066  | SEE PART LIST   | GENERAL MARKET  | 4 OF 4          |

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