

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|---|



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

D

C

B

A

1

1

1

1



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



## B

A

1

BA

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

OPTIONS

8 0 X 0 0 0 X X X X X X X X X

80=M12x1  
Single ended

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

Heads style:  
000=Plug Female Straight

Cable type: See Table

Units:  
M=Meter

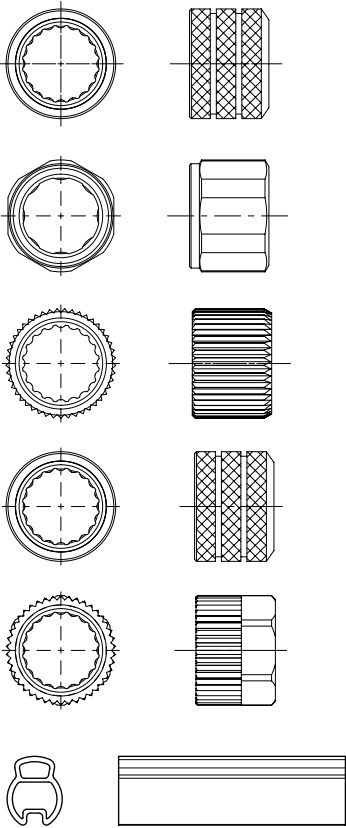
Length  
Examples:  
005=0.5 unit  
010=1 unit  
100=10 units

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  
9=Knurled / Hexagonal Brass Ni Plated

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

COUPLING NUTS

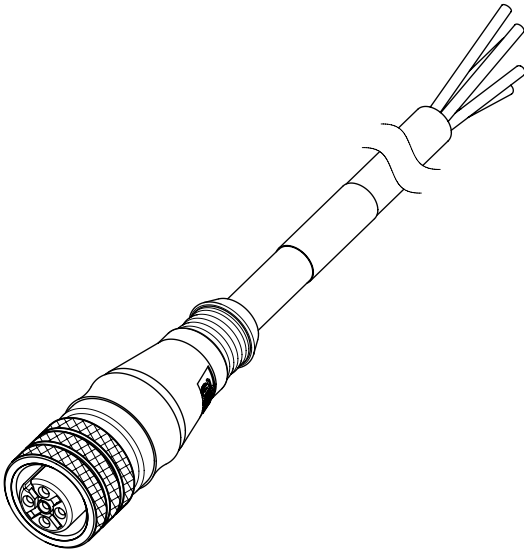


CABLE INFORMATION (for more information see Cable Data Sheet).

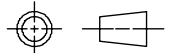
| CABLE TYPE | NO. OF WIRES  | CROSS SECTION | CABLE JACKET    | UL             | CSA                      | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAG CHAIN                                          | SHIELD |
|------------|---------------|---------------|-----------------|----------------|--------------------------|--------------------------------|---------------------------------|-----------------------------------------------------|--------|
| E02        | 3 / 4 / 5 / 8 | 0.25mm²       | 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.         | -                                                   | -      |
| E03        | 3 / 4 / 5     | 0.34mm²       | 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 | 0.25mm²       | 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 | -      |
| P02        | 3 / 4 / 5 / 8 | 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.          | -                                                   | -      |

CABLE LENGTH TOLERANCES

| OVER    | UP TO AND INCLUDING | TOLERANCES             |
|---------|---------------------|------------------------|
| 0       | 305mm               | +19mm                  |
| 305mm   | 915mm               | +45mm                  |
| 915mm   | 1830mm              | +56mm                  |
| 1830mm  | 3660mm              | +89mm                  |
| 3660mm  | 7320mm              | +165mm                 |
| 7320mm  | 14640mm             | +317mm                 |
| 14640mm | 30500mm             | +610mm                 |
| 30500mm | >                   | +2% of finished length |



SCALE 1:1

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  |              |  |                                                                                       |  |                                                                                                           |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|--------------|--|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| QUALITY SYMBOLS                                                                                                                               |  | 2017/06/30<br>2017/08/30<br><br>EC NO: 120529<br>DRWN: BBRAUCH<br>CHK'D: BBRAUCH<br>REV APPR: BBRAUCH |  | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><br>ANGULAR TOL ± 1.0 °<br><br>4 PLACES ±<br>3 PLACES ±<br>2 PLACES ± 0.05<br>1 PLACE ± 0.3<br>0 PLACES ± 0.5<br><br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | DIMENSION UNITS |  | SCALE        |  | <div>molex®</div><br><br>CSE M12 XP AC FE STR XM SE UNSH                              |  |                                                                                                           |  |  |  |  |  |
|                                                                                                                                               |  |                                                                                                       |  |                                                                                                                                                                                                                       |  | mm              |  | 1:1          |  |                                                                                       |  |                                                                                                           |  |  |  |  |  |
| FA = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | DRWN BY      |  | DATE                                                                                  |  | PRODUCT CUSTOMER DRAWING                                                                                  |  |  |  |  |  |
| FE = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | JMARSZALEK   |  | 2016/01/11                                                                            |  |                                                                                                           |  |  |  |  |  |
| FP = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | CHK'D BY     |  | DATE                                                                                  |  |                                                                                                           |  |  |  |  |  |
| FV = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | APPR BY      |  | DATE                                                                                  |  |                                                                                                           |  |  |  |  |  |
| FC = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | RSILLER      |  | 2016/04/08                                                                            |  | SERIES<br>120065<br><br>MATERIAL NUMBER<br>SEE SHEET 3-4<br><br>CUSTOMER<br>GENERAL MARKET                |  |  |  |  |  |
| FX = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | DRAWING SIZE |  | THIRD ANGLE PROJECTION                                                                |  |                                                                                                           |  |  |  |  |  |
| FS = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | A3           |  |  |  | DOCUMENT NUMBER<br>1200651978<br><br>DOC TYPE<br>PSD<br><br>DOC PART<br>000<br><br>SHEET NUMBER<br>2 OF 4 |  |  |  |  |  |
| FV = 0                                                                                                                                        |  |                                                                                                       |  |                                                                                                                                                                                                                       |  |                 |  | A2           |  |                                                                                       |  |                                                                                                           |  |  |  |  |  |

|           |            |                 |              |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
|-----------|------------|-----------------|--------------|-----|------------|-----------------|----------------|------|------------|-----------------|---------------|-----|------------|-----------------|----------------|------|------------|-----------------|---------------|-----|------------|-----------------|----------------|------|------------|-----------------|---------------|-----|------------|-----------------|----------------|------|--|--|--|
| 9         |            |                 |              | 8   |            |                 |                | 7    |            |                 |               | 6   |            |                 |                | 5    |            |                 |               | 4   |            |                 |                | 3    |            |                 |               | 2   |            |                 |                | 1    |  |  |  |
| PART LIST |            |                 |              |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| No.       | Part No.   | Engineering No. | Cable Length | No. | Part No.   | Engineering No. | Cable Length   | No.  | Part No.   | Engineering No. | Cable Length  | No. | Part No.   | Engineering No. | Cable Length   | No.  | Part No.   | Engineering No. | Cable Length  | No. | Part No.   | Engineering No. | Cable Length   | No.  | Part No.   | Engineering No. | Cable Length  | No. | Part No.   | Engineering No. | Cable Length   |      |  |  |  |
| 1         | 1200060001 | 803000E03M020   | 2m           | 36  | 1200060458 | 804000P03M0501  | 5m             | 71   | 1200063673 | 803000P03M1001  | 10m           | 106 | 1200658008 | 804000H09M050H  | 5m             | 1    | 1200060115 | 803000E03M0501  | *             | 5m  | 52         | 1200062130      | 804000E03M050H | 5m   | 87         | 1200650954      | 808000P02M060 | 6m  | 122        | 1200658190      | 804000H09M100  | 10m  |  |  |  |
| 2         | 1200060002 | 803000E03M050   | 5m           | 37  | 1200060461 | 804000P03M200   | 20m            | 72   | 1200063779 | 805000E03M300   | 30m           | 107 | 1200658009 | 804000H09M100H  | 10m            | 18   | 1200060116 | 803000E03M0505  | 5m            | 53  | 1200062167 | 804000P03M100H  | 10m            | 88   | 1200650955 | 808000P02M080   | 8m            | 123 | 1200658191 | 804000H09M150   | 15m            |      |  |  |  |
| 3         | 1200060003 | 803000E03M100   | 10m          | 38  | 1200060634 | 805000E03M020   | 2m             | 73   | 1200063940 | 804000P03M0051  | 0.5m          | 108 | 1200658020 | 805000P03M040   | 4m             | 19   | 1200060117 | 803000E03M1005  | 10m           | 54  | 1200062264 | 804000E03M1505  | 15m            | 89   | 1200650956 | 808000P02M0801  | 8m            | 124 | 1200658197 | 805000P03M010   | 1m             |      |  |  |  |
| 4         | 1200060004 | 803000P03M020   | 2m           | 39  | 1200060638 | 805000E03M100   | 10m            | 74   | 1200064033 | 804000P03M120   | 12m           | 109 | 1200658021 | 808000P02M150   | 15m            | 20   | 1200060119 | 803000E03M150   | 15m           | 55  | 1200062347 | 804000P03M050H  | 5m             | 90   | 1200650957 | 808000P02M100   | 10m           | 125 | 1200658208 | 805000E03M0061  | *              | 0.6m |  |  |  |
| 5         | 1200060005 | 803000P03M050   | 5m           | 40  | 1200060646 | 805000P03M003   | 0.3m           | 75   | 1200064093 | 803000P03M032   | 3.2m          | 110 | 1200658022 | 808000P02M030   | 3m             | 21   | 1200060121 | 803000E03M200   | 20m           | 56  | 1200062521 | 805000P03M030   | 3m             | 91   | 1200651769 | 803000P03M050G  | 5m            | 126 | 1200658210 | 805000E03M0501  | *              | 5m   |  |  |  |
| 6         | 1200060006 | 803000P03M100   | 10m          | 41  | 1200060647 | 805000P03M020   | 2m             | 76   | 1200064292 | 805000P03M200   | 20m           | 111 | 1200658064 | 804000P03M010   | 1m             | 22   | 1200060124 | 803000E03M2505  | 25m           | 57  | 1200062772 | 803000P03M250   | 25m            | 92   | 1200651780 | 804000P03M050G  | 5m            | 127 | 1200658219 | 803000E03M0201  | *              | 2m   |  |  |  |
| 7         | 1200060014 | 804000E03M020   | 2m           | 42  | 1200060649 | 805000P03M100   | 10m            | 77   | 1200064313 | 805000P03M200G  | 20m           | 112 | 1200658081 | 805000E03M200   | 20m            | 23   | 1200060152 | 803000P03M010   | 1m            | 58  | 1200062811 | 803000P03M100H  | 10m            | 93   | 1200651782 | 804000P03M100   | 10m           | 128 | 1200658224 | 808000E02M050   | 5m             |      |  |  |  |
| 8         | 1200060015 | 804000E03M050   | 5m           | 43  | 1200061337 | 804000E03M0205  | 2m             | 78   | 1200064390 | 804000P03M1001  | 10m           | 113 | 1200658165 | 805000E03M030   | 3m             | 24   | 1200060153 | 803000P03M030   | 3m            | 59  | 1200062853 | 804000P03M150   | 15m            | 94   | 1200651792 | 805000P03M050   | 5m            | 129 | 1200658228 | 804000E03M3001  | *              | 30m  |  |  |  |
| 9         | 1200060016 | 804000E03M100   | 10m          | 44  | 1200061431 | 805000P03M150   | 15m            | 79   | 1200064422 | 804000E03M120   | 12m           | 114 | 1200658172 | 805000H09M020   | 2m             | 25   | 1200060157 | 803000P03M150   | 15m           | 60  | 1200062866 | 804000E03M020H  | 2m             | 95   | 1200651794 | 808000P02M010   | 1m            | 130 | 1200658244 | 808000H08M050   | 5m             |      |  |  |  |
| 10        | 1200060018 | 804000P03M020   | 2m           | 45  | 1200061528 | 804000E03M250   | 25m            | 80   | 1200064434 | 804000H09M050G  | 5m            | 115 | 1200658173 | 805000H09M050   | 5m             | 26   | 1200060158 | 803000P03M200   | 20m           | 61  | 1200062992 | 804000E03M200H  | 20m            | 96   | 1200651795 | 808000P02M070   | 7m            | 131 | 1200658264 | 808000H08M100   | 10m            |      |  |  |  |
| 11        | 1200060019 | 804000P03M050   | 5m           | 46  | 1200061765 | 803000P03M002   | 0.2m           | 81   | 1200065004 | 805000P03M0201  | 2m            | 116 | 1200658174 | 805000H09M100   | 10m            | 27   | 1200060426 | 804000E03M010   | 1m            | 62  | 1200063121 | 804000P03M0053  | 0.5m           | 97   | 1200651817 | 808000P02M200   | 20m           | 132 | 1200658270 | 804000E03M1005  | 10m            |      |  |  |  |
| 12        | 1200060027 | 803000E03M006   | 0.6m         | 47  | 1200061785 | 804000P03M006   | 0.6m           | 82   | 1200065006 | 804000H09M250G  | 25m           | 117 | 1200658175 | 803000H09M020   | 2m             | 28   | 1200060427 | 804000E03M0201  | **            | 2m  | 63         | 1200063224      | 804000E03M003  | 0.3m | 98         | 1200651818      | 808000P02M250 | 25m | 133        | 1200658277      | 808000E02M020  | 2m   |  |  |  |
| 13        | 1200060032 | 804000E03M005   | 0.5m         | 48  | 1200061913 | 804000E03M300   | 30m            | 83   | 1200065012 | 803000P03M030G  | 3m            | 118 | 1200658176 | 803000H09M050   | 5m             | 29   | 1200060428 | 804000E03M030   | 3m            | 64  | 1200063227 | 804000P03M0063  | 0.6m           | 99   | 1200651820 | 808000P02M300   | 30m           | 134 | 1200658278 | 808000E02M100   | 10m            |      |  |  |  |
| 14        | 1200060034 | 804000P03M025   | 2.5m         | 49  | 1200061958 | 803000E03M021   | 2.1m           | 84   | 1200650951 | 808000P02M020   | 2m            | 119 | 1200658177 | 803000H09M100   | 10m            | 30   | 1200060429 | 804000E03M0501  | *             | 5m  | 65         | 1200063314      | 805000E03M010  | 1m   | 100        | 1200651978      | 805000E03M050 | 5m  | 135        | 1200658288      | 804000E03M050G | 5m   |  |  |  |
| 15        | 1200060107 | 803000E03M003   | 0.3m         | 50  | 1200062071 | 803000E03M060   | 6m             | 85   | 1200650952 | 808000P02M040   | 4m            | 120 | 1200658178 | 804000H09M020   | 2m             | 31   | 1200060430 | 804000E03M0505  | 5m            | 66  | 1200063402 | 804000P03M003   | 0.3m           | 101  | 1200652143 | 804000P03M040   | 4m            | 136 | 1200658309 | 808000E02M0501  | 5m             |      |  |  |  |
| 16        | 1200060113 | 803000E03M030   | 3m           | 51  | 1200062098 | 803000P03M006   | 0.6m           | 86   | 1200650953 | 808000P02M050   | 5m            | 121 | 1200658179 | 804000H09M050   | 5m             | 32   | 1200060431 | 804000E03M150   | 15m           | 67  | 1200063407 | 804000E03M1001  | *              | 10m  | 102        | 1200652144      | 804000P03M060 | 6m  | 137        | 1200658321      | 804000P03M005  | 0.5m |  |  |  |
| 17        | 1200060115 | 803000E03M0501  | *            | 5m  | 52         | 1200062130      | 804000E03M050H | 5m   | 87         | 1200650954      | 808000P02M060 | 6m  | 122        | 1200658190      | 804000H09M100  | 10m  | 33         | 1200060432      | 804000E03M200 | 20m | 68         | 1200063415      | 803000P03M0707 | 7m   | 103        | 1200652154      | 805000P03M060 | 6m  | 138        | 1200658331      | 805000E03M050H | 5m   |  |  |  |
| 18        | 1200060116 | 803000E03M0505  | 5m           | 53  | 1200062167 | 804000P03M100H  | 10m            | 88   | 1200650955 | 808000P02M080   | 8m            | 123 | 1200658191 | 804000H09M150   | 15m            | 34   | 1200060456 | 804000P03M0201  | 2m            | 69  | 1200063443 | 804000E03M030H  | 3m             | 104  | 1200655073 | 808000P02M003   | 0.3m          | 139 | 1200658350 | 803000E03M1001  | *              | 10m  |  |  |  |
| 19        | 1200060117 | 803000E03M1005  | 10m          | 54  | 1200062264 | 804000E03M1505  | 15m            | 89   | 1200650956 | 808000P02M0801  | 8m            | 124 | 1200658197 | 805000P03M010   | 1m             | 35   | 1200060457 | 804000P03M030   | 3m            | 70  | 1200063647 | 804000E03M2001  | 20m            | 105  | 1200655081 | 805000E03M150   | 15m           | 140 | 1200658473 | 804000H09M030   | 3m             |      |  |  |  |
| 20        | 1200060119 | 803000E03M150   | 15m          | 55  | 1200062347 | 804000P03M050H  | 5m             | 90   | 1200650957 | 808000P02M100   | 10m           | 125 | 1200658208 | 805000E03M0061  | *              | 0.6m |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 21        | 1200060121 | 803000E03M200   | 20m          | 56  | 1200062521 | 805000P03M030   | 3m             | 91   | 1200651769 | 803000P03M050G  | 5m            | 126 | 1200658210 | 805000E03M0501  | *              | 5m   |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 22        | 1200060124 | 803000E03M2505  | 25m          | 57  | 1200062772 | 803000P03M250   | 25m            | 92   | 1200651780 | 804000P03M050G  | 5m            | 127 | 1200658219 | 803000E03M0201  | *              | 2m   |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 23        | 1200060152 | 803000P03M010   | 1m           | 58  | 1200062811 | 803000P03M100H  | 10m            | 93   | 1200651782 | 804000P03M100   | 10m           | 128 | 1200658224 | 808000E02M050   | 5m             |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 24        | 1200060153 | 803000P03M030   | 3m           | 59  | 1200062853 | 804000P03M150   | 15m            | 94   | 1200651792 | 805000P03M050   | 5m            | 129 | 1200658228 | 804000E03M3001  | *              | 30m  |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 25        | 1200060157 | 803000P03M150   | 15m          | 60  | 1200062866 | 804000E03M020H  | 2m             | 95   | 1200651794 | 808000P02M010   | 1m            | 130 | 1200658244 | 808000H08M050   | 5m             |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 26        | 1200060158 | 803000P03M200   | 20m          | 61  | 1200062992 | 804000E03M200H  | 20m            | 96   | 1200651795 | 808000P02M070   | 7m            | 131 | 1200658264 | 808000H08M100   | 10m            |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 27        | 1200060426 | 804000E03M010   | 1m           | 62  | 1200063121 | 804000P03M0053  | 0.5m           | 97   | 1200651817 | 808000P02M200   | 20m           | 132 | 1200658270 | 804000E03M1005  | 10m            |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 28        | 1200060427 | 804000E03M0201  | **           | 2m  | 63         | 1200063224      | 804000E03M003  | 0.3m | 98         | 1200651818      | 808000P02M250 | 25m | 133        | 1200658277      | 808000E02M020  | 2m   |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 29        | 1200060428 | 804000E03M030   | 3m           | 64  | 1200063227 | 804000P03M0063  | 0.6m           | 99   | 1200651820 | 808000P02M300   | 30m           | 134 | 1200658278 | 808000E02M100   | 10m            |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 30        | 1200060429 | 804000E03M0501  | *            | 5m  | 65         | 1200063314      | 805000E03M010  | 1m   | 100        | 1200651978      | 805000E03M050 | 5m  | 135        | 1200658288      | 804000E03M050G | 5m   |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 31        | 1200060430 | 804000E03M0505  | 5m           | 66  | 1200063402 | 804000P03M003   | 0.3m           | 101  | 1200652143 | 804000P03M040   | 4m            | 136 | 1200658309 | 808000E02M0501  | 5m             |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 32        | 1200060431 | 804000E03M150   | 15m          | 67  | 1200063407 | 804000E03M1001  | *              | 102  | 1200652144 | 804000P03M060   | 6m            | 137 | 1200658321 | 804000P03M005   | 0.5m           |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 33        | 1200060432 | 804000E03M200   | 20m          | 68  | 1200063415 | 803000P03M0707  | 7m             | 103  | 1200652154 | 805000P03M060   | 6m            | 138 | 1200658331 | 805000E03M050H  | 5m             |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 34        | 1200060456 | 804000P03M0201  | 2m           | 69  | 1200063443 | 804000E03M030H  | 3m             | 104  | 1200655073 | 808000P02M003   | 0.3m          | 139 | 1200658350 | 803000E03M1001  | *              | 10m  |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |
| 35        | 1200060457 | 804000P03M030   | 3m           | 70  | 1200063647 | 804000E03M2001  | 20m            | 105  | 1200655081 | 805000E03M150   | 15m           | 140 | 1200658473 | 804000H09M030   | 3m             |      |            |                 |               |     |            |                 |                |      |            |                 |               |     |            |                 |                |      |  |  |  |

NOTES:  
\* - Part No. with Yellow PVC overmolding  
\*\* - Part No. with Black PVC overmolding

|                                                                                           |                                                                                                                                               |                          |                                       |                 |  |       |  |                                                                                                                              |  |  |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------|-----------------|--|-------|--|------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| QUALITY SYMBOLS                                                                           | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                          |                                       |                 |  |       |  |                                                                                                                              |  |  |  |
|  = 0 | EC NO: 120529<br>DRWN: BBRAUCH<br>CHK'D:<br>APPR: BBRAUCH                                                                                     | 2017/06/30<br>2017/08/30 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS |  | SCALE |  | <br><br>CSE M12 XP AC FE STR XM SE UNSH |  |  |  |
|  = 0 |                                                                                                                                               |                          |                                       | mm              |  | 1:1   |  |                                                                                                                              |  |  |  |
|                                                                                           |                                                                                                                                               |                          |                                       |                 |  |       |  |                                                                                                                              |  |  |  |

PART LIST

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 141 | 1200658475 | 804000E03M1501  | ✱ 15m        |
| 142 | 1200658492 | 804000P03M100G  | 10m          |
| 143 | 1200658502 | 805000E03M005   | 0.5m         |
| 144 | 1200658503 | 805000E03M0201  | 2m           |
| 145 | 1200658511 | 808000E02M010   | 1m           |
| 146 | 1200658525 | 808000P02C350   | 0.35m        |
| 147 | 1200658545 | 804000P03M015   | 1.5m         |
| 148 | 1200658550 | 804000H09M015   | 1.5m         |
| 149 | 1200658551 | 808000E02M1001  | 10m          |
| 150 | 1200658562 | 803000E03M010   | 1m           |
| 151 | 1200658563 | 803000E03M040   | 4m           |
| 152 | 1200658570 | 804000E03M040   | 4m           |
| 153 | 1200658590 | 808000E02M030   | 3m           |
| 154 | 1200658591 | 808000E02M040   | 4m           |
| 155 | 1200658592 | 805000E03M040   | 4m           |
| 156 | 1200658609 | 804000P02M020   | 2m           |
| 157 | 1200658610 | 803000P03M040   | 4m           |
| 158 | 1200658622 | 804000P03M010G  | 1m           |
| 159 | 1200658623 | 804000P03M030G  | 3m           |
| 160 | 1200658630 | 804000P03M040G  | 4m           |
| 161 | 1200658632 | 805000H09M010   | 1m           |
| 162 | 1200658633 | 805000H09M015   | 1.5m         |
| 163 | 1200658634 | 805000H09M030   | 3m           |
| 164 | 1200658635 | 805000H09M040   | 4m           |
| 165 | 1200658636 | 803000H09M010   | 1m           |
| 166 | 1200658637 | 803000H09M015   | 1.5m         |
| 167 | 1200658638 | 803000H09M030   | 3m           |
| 168 | 1200658639 | 803000H09M040   | 4m           |
| 169 | 1200658640 | 804000H09M010   | 1m           |
| 170 | 1200658641 | 804000H09M040   | 4m           |
| 171 | 1200658642 | 808000H08M010   | 1m           |
| 172 | 1200658643 | 808000H08M015   | 1.5m         |
| 173 | 1200658644 | 808000H08M020   | 2m           |
| 174 | 1200658645 | 808000H08M030   | 3m           |
| 175 | 1200658646 | 808000H08M040   | 4m           |

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 176 | 1200658780 | 805000H09M200   | 20m          |
| 177 | 1200658782 | 804000E03M060   | 6m           |
| 178 | 1200658812 | 808000E02M150   | 15m          |
| 179 | 1200658813 | 808000H08M025   | 2.5m         |
| 180 | 1200658860 | 808000E02M0061G | 0.6m         |
| 181 | 1200658880 | 804000H09M200   | 20m          |
| 182 | 1200658882 | 804000E03M100H  | 10m          |
| 183 | 1200658887 | 803000E03M020H  | 2m           |
| 184 | 1200658889 | 803000E03M050H  | 5m           |
| 185 | 1200658891 | 804000H09M003   | 0.3m         |
| 186 | 1200658894 | 804000E03M020G  | 2m           |
| 187 | 1200658896 | 804000E03M075   | 7.5m         |
| 188 | 1200658899 | 808000H08M250   | 25m          |
| 189 | 1200658907 | 804000H09M020H  | 2m           |
| 190 | 1200658920 | 808000E02M005H  | 0.5m         |
| 191 | 1200658921 | 808000E02M010H  | 1m           |
| 192 | 1200658927 | 804000P02M050   | 5m           |
| 193 | 1200658928 | 805000E03M1001  | 10m          |
| 194 | 1200658930 | 808000H08M150   | 15m          |
| 195 | 1200658977 | 805000P03M050G  | 5m           |
| 196 | 1200658983 | 804000E03M002   | 0.2m         |
| 197 | 1200658984 | 808000E02M2501  | 25m          |
| 198 | 1200658990 | 805000P03M050H  | 5m           |
| 199 | 1200658991 | 805000P03M100H  | 10m          |
| 200 | 1200659038 | 804000E02M100   | 10m          |
| 201 | 1200659040 | 804000E02M050   | 5m           |
| 202 | 1200659052 | 808000E02M2001  | 20m          |
| 203 | 1200659053 | 808000E02M3001  | 30m          |
| 204 | 1200659054 | 803000E03M050Y  | 5m           |
| 205 | 1200659055 | 803000E03M100Y  | 10m          |
| 206 | 1200659058 | 804000E03M050Y  | 5m           |
| 207 | 1200659059 | 804000E03M100Y  | 10m          |
| 208 | 1200659082 | 805000E03M100Y  | 10m          |
| 209 | 1200659088 | 804000P03M050HY | 5m           |
| 210 | 1200659092 | 808000P02M050Y  | 5m           |

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 211 | 1200659097 | 804000H09M050Y  | 5m           |
| 212 | 1200659100 | 808000E02M050Y  | 5m           |
| 213 | 1200659102 | 808000H08M100Y  | 10m          |
| 214 | 1200659103 | 808000E02M100Y  | 10m          |
| 215 | 1200659106 | 808000E02M150Y  | 15m          |
| 216 | 1200659107 | 808000H08M150Y  | 15m          |
| 217 | 1200659123 | 804000P03M100HY | 10m          |
| 218 | 1200659144 | 805000H09M300   | 30m          |
| 219 | 1200659187 | 808000E02M4001  | 40m          |
| 220 | 1200659199 | 808000E02M150H  | 15m          |
| 221 | 1200659200 | 808000E02M250H  | 25m          |
| 222 | 1200659207 | 805000E03C230   | 0.23m        |
| 223 | 1200659214 | 805000P03M300   | 30m          |
| 224 | 1200659256 | 808000E02M200   | 20m          |
| 225 | 1200659279 | 805000E03M007   | 0.7m         |
| 226 | 1200659280 | 805000E03M350   | 35m          |
| 227 | 1200659282 | 805000P03M005   | 0.5m         |
| 228 | 1200659283 | 805000P03M007   | 0.7m         |
| 229 | 1200659302 | 804000P03M1005  | 10m          |
| 230 | 1200659326 | 805000P03M020H  | 2m           |
| 231 | 1200659329 | 805000P03M150H  | 15m          |
| 232 | 1200659330 | 805000P03M200H  | 20m          |
| 233 | 1200659334 | 808000P02M200H  | 20m          |
| 234 | 1200659340 | 804000P03M1501  | 15m          |
| 235 | 1200659341 | 804000P03M2501  | 25m          |
| 236 | 1200659368 | 805000E03M015   | 1.5m         |
| 237 | 1200659370 | 804000P03M020Y  | 2m           |
| 238 | 1200659387 | 808000E02M500   | 50m          |
| 239 | 1200659388 | 804000P03M012   | 1.2m         |
| 240 | 1200659389 | 804000P03M075   | 7.5m         |
| 241 | 1200659397 | 808000P02M100Y  | 10m          |
| 242 | 1200659399 | 808000P02M015   | 1.5m         |
| 243 | 1200659474 | 804000P03M250   | 25m          |
| 244 | 1200659475 | 804000P03M300   | 30m          |
| 245 | 1200659509 | 805000E03M600   | 60m          |

| No. | Part No.   | Engineering No. | Cable Length |
|-----|------------|-----------------|--------------|
| 246 | 1200659552 | 808000P02M050H  | 5m           |
| 247 | 1200659553 | 808000P02M100H  | 10m          |
| 248 | 1200659554 | 808000P02M150H  | 15m          |
| 249 | 1200659584 | 803000H09M003   | 0.3m         |
| 250 | 1200659594 | 805000P03M300H  | 30m          |
| 251 | 1200659595 | 805000P03M350H  | 35m          |
| 252 | 1200659613 | 808000E02M300   | 30m          |
| 253 | 1200659786 | 804000E02M041   | 4.1m         |
| 254 | 1200659790 | 804000E02M020   | 2m           |
| 255 | 1200659538 | 808000E02M100   | ✱✱ 10m       |
| 256 | 1200656061 | 803000E02M010   | 1m           |
| 257 |            |                 |              |
| 258 |            |                 |              |
| 259 |            |                 |              |
| 260 |            |                 |              |
| 261 |            |                 |              |
| 262 |            |                 |              |
| 263 |            |                 |              |
| 264 |            |                 |              |
| 265 |            |                 |              |
| 266 |            |                 |              |
| 267 |            |                 |              |
| 268 |            |                 |              |
| 269 |            |                 |              |
| 270 |            |                 |              |
| 271 |            |                 |              |
| 272 |            |                 |              |
| 273 |            |                 |              |
| 274 |            |                 |              |
| 275 |            |                 |              |
| 276 |            |                 |              |
| 277 |            |                 |              |
| 278 |            |                 |              |
| 279 |            |                 |              |
| 280 |            |                 |              |

NOTES:

- ✱ - Part No. with Yellow PVC overmolding
- ✱✱ - Part No. with Black PVC overmolding

QUALITY SYMBOLS

FA

= 0

FC

= 0

FB

= 0

FV

= 0

CV

= 0

FX

= 0

FS

= 0

FV

= 0

2017/06/30

2017/08/30

EC NO: 120529

DRWN: BBRAUCH

CHK'D: BBRAUCH

APPR: BBRAUCH

REV

2017/06/30

2017/08/30

EC NO: 120529

DRWN: BBRAUCH

CHK'D: BBRAUCH

APPR: BBRAUCH

REV

2017/06/30

2017/08/30

EC NO: 120529

DRWN: BBRAUCH

CHK'D: BBRAUCH

APPR: BBRAUCH

REV

2017/06/30

2017/08/30

EC NO: 120529

DRWN: BBRAUCH

CHK'D: BBRAUCH

APPR: BBRAUCH

REV

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

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

DIMENSION UNITS

mm

DRWN BY

JMARSZALEK

CHK'D BY

DATE

APPR BY

RSILLER

DRAWING SIZE

A3

THIRD ANGLE PROJECTION

SCALE

1:1

DATE

2016/01/11

DATE

2016/04/08

PRODUCT CUSTOMER DRAWING

SERIES

120065

MATERIAL NUMBER

SEE PART LIST

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

1200651978

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

4 OF 4

RELEASE STATUS

P1

RELEASE DATE

30.08.2017

06:51:03

9

8

7

6

5

4

3

2

1