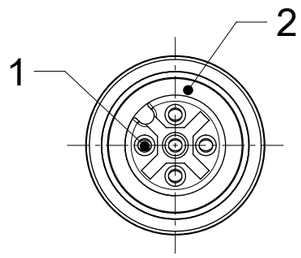
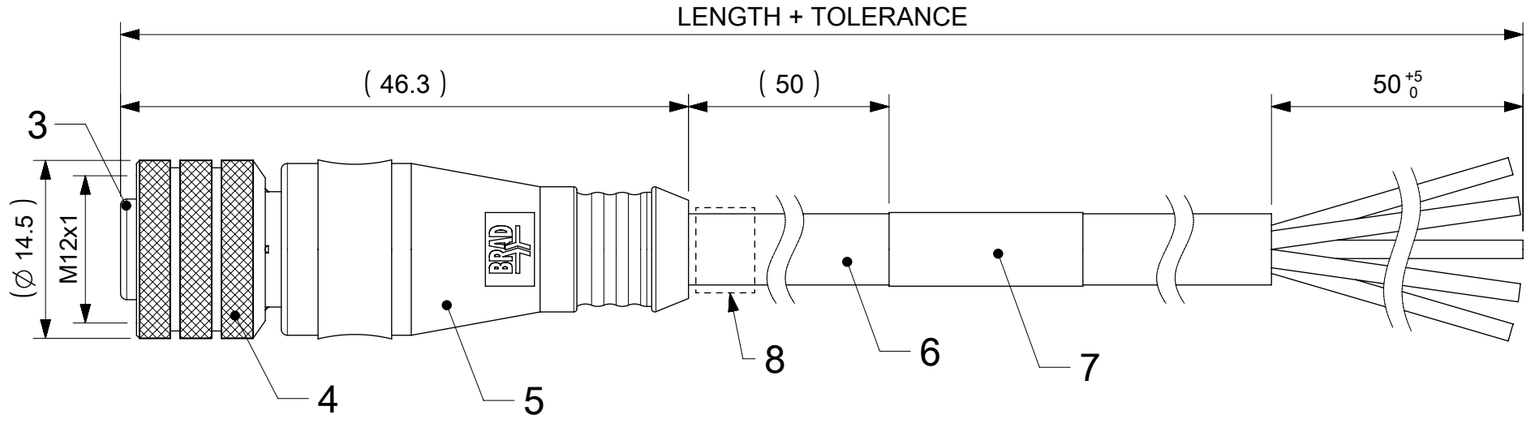
# FEMALE PLUG M12 STRAIGHT




NOTES:

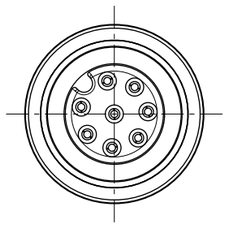
RATED VOLTAGE: 3, 4 contacts 250V
5 contacts 60V
8 contacts 30V

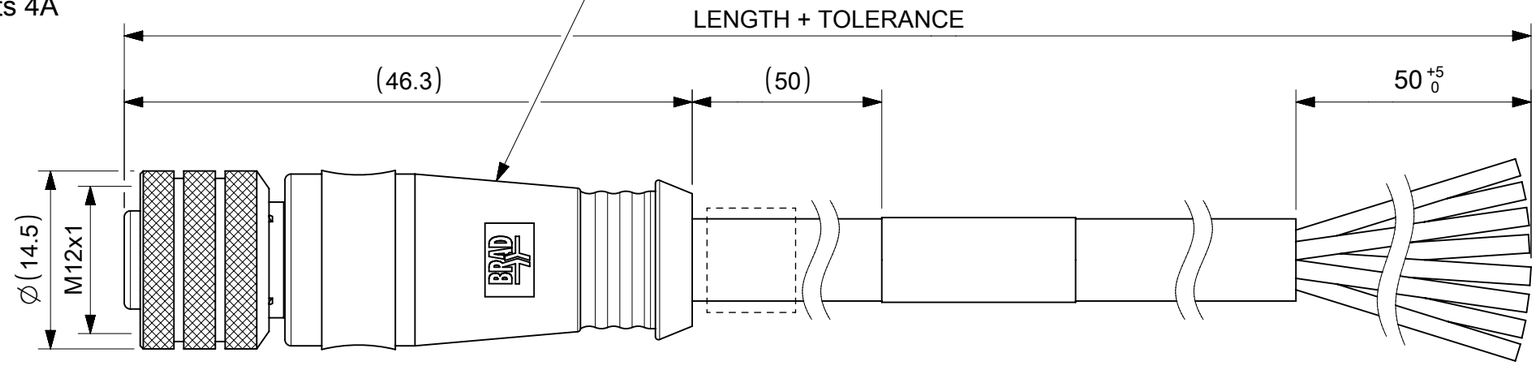
RATED CURRENT: 3, 4, 5 contacts 4A
8 contacts 2A

PROTECTION CLASS: IP 67

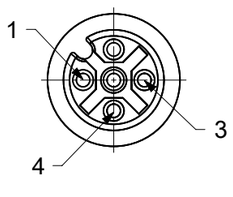
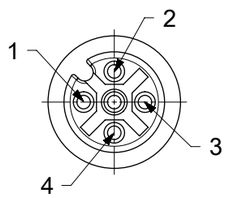
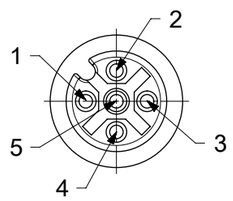
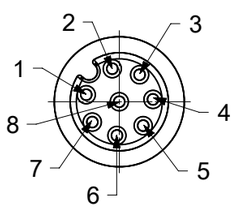
TEMPERATURE: -25°C / +85°C

Thicker Overmold for Cables
with bigger Outer Diameter






## CONTACTS POSITION FRONT VIEW:

| 3 CONTACTS | | 4 CONTACTS | | 5 CONTACTS | | 8 CONTACTS | |
|---|---|---|---|---|---|---|---|
|  | |  | |  | |  | |
| 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 | 5 | GREY |
| | | | | | | 6 | PINK |
| | | | | | | 7 | BLUE |
| | | | | | | 8 | RED |

CODING REQUIRED TO IEC 61076-2-101

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|---|
| 8 | SEE MATRIX | ID CARRIER | PVC | TRANSPARENT |
| 7 | 1 | LABEL YELLOW | VINYL | --- |
| 6 | - | CABLE | SEE SHEET 2 | --- |
| 5 | - | OVERMOLDING | TPU | SEE PART LIST |
| 4 | 1 | COUPLING NUT FEMALE | SEE PART LIST | SEE PART LIST |
| 3 | 1 | INSERT FEMALE BLACK | PUR | --- |
| 2 | 1 | ORING RED | FPM | --- |
| 1 | 3 / 4 / 5 | CONTACT M12 FEMALE | BRONZE | SELECTIVE Au OVER Ni |
| | 8 | | BRASS | SELECTIVE Au OVER Ni |

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

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FF = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: 2:1

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

CURRENT REV DESC:

EC NO: 703046
DRWN: APAWLAK01 2022/04/12
CHK'D: RSILLER 2022/04/14
APPR: RSILLER 2022/04/14

INITIAL REVISION:
DRWN: JMARSZALEK 2016/01/11
APPR: RSILLER 2016/04/08

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120065

molex

CSE M12 XP AC FE STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1200651978 | PSD | 000 | A10 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 3-4 | GENERAL MARKET | 1 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/04/14 06:15:29 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

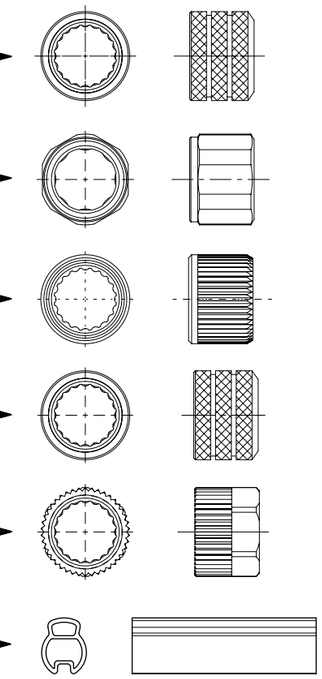
# ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

OPTIONS

| 8 | 0 | X | 0 | 0 | 0 | X | X | X | X | X | X | X | X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

- 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

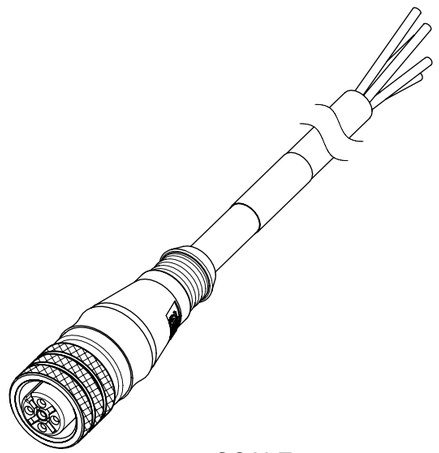


# CABLE INFORMATION (for more information see Cable Data Sheet).

| 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

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FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0

DIVISIONAL SYMBOLS

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

CURRENT REV DESC:

EC NO: 703046
DRWN: APAWLAK01 2022/04/12
CHK'D: RSILLER 2022/04/14
APPR: RSILLER 2022/04/14

INITIAL REVISION:
DRWN: JMARSZALEK 2016/01/11
APPR: RSILLER 2016/04/08

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120065

molex

CSE M12 XP AC FE STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1200651978 | PSD | 000 | A10 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 3-4 | GENERAL MARKET | 2 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/04/14 06:15:29 |
|---|---|---|---|

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

# PART LIST

| No. | Part No. | Engineering No. | Cable Length |
|---|---|---|---|
| 1 | 1200060001 | 803000E03M020 | 2m |
| 2 | 1200060002 | 803000E03M050 | 5m |
| 3 | 1200060003 | 803000E03M100 | 10m |
| 4 | 1200060004 | 803000P03M020 | 2m |
| 5 | 1200060005 | 803000P03M050 | 5m |
| 6 | 1200060006 | 803000P03M100 | 10m |
| 7 | 1200060014 | 804000E03M020 | 2m |
| 8 | 1200060015 | 804000E03M050 | 5m |
| 9 | 1200060016 | 804000E03M100 | 10m |
| 10 | 1200060018 | 804000P03M020 | 2m |
| 11 | 1200060019 | 804000P03M050 | 5m |
| 12 | 1200060027 | 803000E03M006 | 0.6m |
| 13 | 1200060032 | 804000E03M005 | 0.5m |
| 14 | 1200060034 | 804000P03M025 | 2.5m |
| 15 | 1200060107 | 803000E03M003 | 0.3m |
| 16 | 1200060113 | 803000E03M030 | 3m |
| 1. 18 | 1200060116 | 803000E03M0505 | 5m |
| 19 | 1200060117 | 803000E03M1005 | 10m |
| 20 | 1200060119 | 803000E03M150 | 15m |
| 21 | 1200060121 | 803000E03M200 | 20m |
| 22 | 1200060124 | 803000E03M2505 | 25m |
| 23 | 1200060152 | 803000P03M010 | 1m |
| 24 | 1200060153 | 803000P03M030 | 3m |
| 25 | 1200060157 | 803000P03M150 | 15m |
| 26 | 1200060158 | 803000P03M200 | 20m |
| 27 | 1200060426 | 804000E03M010 | 1m |
| 28 | 1200060427 | 804000E03M0201 | ** 2m |
| 29 | 1200060428 | 804000E03M030 | 3m |
| 30 | 1200060429 | 804000E03M0501 | * 5m |
| 31 | 1200060430 | 804000E03M0505 | 5m |
| 32 | 1200060431 | 804000E03M150 | 15m |
| 33 | 1200060432 | 804000E03M200 | 20m |
| 34 | 1200060456 | 804000P03M0201 | 2m |
| 35 | 1200060457 | 804000P03M030 | 3m |

| No. | Part No. | Engineering No. | Cable Length |
|---|---|---|---|
| 36 | 1200060458 | 804000P03M0501 | 5m |
| 37 | 1200060461 | 804000P03M200 | 20m |
| 38 | 1200060634 | 805000E03M020 | 2m |
| 39 | 1200060638 | 805000E03M100 | 10m |
| 40 | 1200060646 | 805000P03M003 | 0.3m |
| 41 | 1200060647 | 805000P03M020 | 2m |
| 42 | 1200060649 | 805000P03M100 | 10m |
| 43 | 1200061337 | 804000E03M0205 | 2m |
| 44 | 1200061431 | 805000P03M150 | 15m |
| 45 | 1200061528 | 804000E03M250 | 25m |
| 46 | 1200061765 | 803000P03M002 | 0.2m |
| 47 | 1200061785 | 804000P03M006 | 0.6m |
| 48 | 1200061913 | 804000E03M300 | 30m |
| 49 | 1200061958 | 803000E03M021 | 2.1m |
| 50 | 1200062071 | 803000E03M060 | 6m |
| 51 | 1200062098 | 803000P03M006 | 0.6m |
| 52 | 1200062130 | 804000E03M050H | 5m |
| 53 | 1200062167 | 804000P03M100H | 10m |
| 54 | 1200062264 | 804000E03M1505 | 15m |
| 55 | 1200062347 | 804000P03M050H | 5m |
| 56 | 1200062521 | 805000P03M030 | 3m |
| 57 | 1200062772 | 803000P03M250 | 25m |
| 58 | 1200062811 | 803000P03M100H | 10m |
| 59 | 1200062853 | 804000P03M150 | 15m |
| 60 | 1200062866 | 804000E03M020H | 2m |
| 61 | 1200062992 | 804000E03M200H | 20m |
| 62 | 1200063121 | 804000P03M0053 | 0.5m |
| 63 | 1200063224 | 804000E03M003 | 0.3m |
| 65 | 1200063314 | 805000E03M010 | 1m |
| 66 | 1200063402 | 804000P03M003 | 0.3m |
| 67 | 1200063407 | 804000E03M1001 | * 10m |
| 68 | 1200063415 | 803000P03M0707 | 7m |
| 69 | 1200063443 | 804000E03M030H | 3m |
| 70 | 1200063647 | 804000E03M2001 | 20m |

| No. | Part No. | Engineering No. | Cable Length |
|---|---|---|---|
| 71 | 1200063673 | 803000P03M1001 | 10m |
| 72 | 1200063779 | 805000E03M300 | 30m |
| 73 | 1200063940 | 804000P03M0051 | 0.5m |
| 74 | 1200064033 | 804000P03M120 | 12m |
| 75 | 1200064093 | 803000P03M032 | 3.2m |
| 76 | 1200064292 | 805000P03M200 | 20m |
| 79 | 1200064422 | 804000E03M120 | 12m |
| 80 | 1200064434 | 804000H09M050G | 5m |
| 81 | 1200065004 | 805000P03M0201 | 2m |
| 82 | 1200065006 | 804000H09M250G | 25m |
| 83 | 1200065012 | 803000P03M030G | 3m |
| 84 | 1200650951 | 808000P02M020 | 2m |
| 85 | 1200650952 | 808000P02M040 | 4m |
| 86 | 1200650953 | 808000P02M050 | 5m |
| 87 | 1200650954 | 808000P02M060 | 6m |
| 88 | 1200650955 | 808000P02M080 | 8m |
| 89 | 1200650956 | 808000P02M0801 | 8m |
| 90 | 1200650957 | 808000P02M100 | 10m |
| 91 | 1200651769 | 803000P03M050G | 5m |
| 92 | 1200651780 | 804000P03M050G | 5m |
| 93 | 1200651782 | 804000P03M100 | 10m |
| 94 | 1200651792 | 805000P03M050 | 5m |
| 95 | 1200651794 | 808000P02M010 | 1m |
| 96 | 1200651795 | 808000P02M070 | 7m |
| 97 | 1200651817 | 808000P02M200 | 20m |
| 98 | 1200651818 | 808000P02M250 | 25m |
| 99 | 1200651820 | 808000P02M300 | 30m |
| 100 | 1200651978 | 805000E03M050 | 5m |
| 101 | 1200652143 | 804000P03M040 | 4m |
| 102 | 1200652144 | 804000P03M060 | 6m |
| 103 | 1200652154 | 805000P03M060 | 6m |
| 104 | 1200655073 | 808000P02M003 | 0.3m |
| 105 | 1200655081 | 805000E03M150 | 15m |

| No. | Part No. | Engineering No. | Cable Length |
|---|---|---|---|
| 106 | 1200658008 | 804000H09M050H | 5m |
| 107 | 1200658009 | 804000H09M100H | 10m |
| 108 | 1200658020 | 805000P03M040 | 4m |
| 109 | 1200658021 | 808000P02M150 | 15m |
| 110 | 1200658022 | 808000P02M030 | 3m |
| 111 | 1200658064 | 804000P03M010 | 1m |
| 112 | 1200658081 | 805000E03M200 | 20m |
| 113 | 1200658165 | 805000E03M030 | 3m |
| 114 | 1200658172 | 805000H09M020 | 2m |
| 115 | 1200658173 | 805000H09M050 | 5m |
| 116 | 1200658174 | 805000H09M100 | 10m |
| 117 | 1200658175 | 803000H09M020 | 2m |
| 118 | 1200658176 | 803000H09M050 | 5m |
| 119 | 1200658177 | 803000H09M100 | 10m |
| 120 | 1200658178 | 804000H09M020 | 2m |
| 121 | 1200658179 | 804000H09M050 | 5m |
| 122 | 1200658190 | 804000H09M100 | 10m |
| 124 | 1200658197 | 805000P03M010 | 1m |
| 125 | 1200658208 | 805000E03M0061 | * 0.6m |
| 126 | 1200658210 | 805000E03M0501 | * 5m |
| 127 | 1200658219 | 803000E03M0201 | * 2m |
| 128 | 1200658224 | 808000E02M050 | 5m |
| 129 | 1200658228 | 804000E03M3001 | * 30m |
| 130 | 1200658244 | 808000H08M050 | 5m |
| 131 | 1200658264 | 808000H08M100 | 10m |
| 133 | 1200658277 | 808000E02M020 | 2m |
| 134 | 1200658278 | 808000E02M100 | 10m |
| 135 | 1200658288 | 804000E03M050G | 5m |
| 136 | 1200658309 | 808000E02M0501 | 5m |
| 137 | 1200658321 | 804000P03M005 | 0.5m |
| 138 | 1200658331 | 805000E03M050H | 5m |
| 139 | 1200658350 | 803000E03M1001 | * 10m |

NOTES:

* - Part No. with Yellow PVC overmolding

** - Part No. with Black PVC overmolding

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FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0

DIVISIONAL SYMBOLS

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

CURRENT REV DESC:

EC NO: 703046
DRWN: APAWLAK01 2022/04/12
CHK'D: RSILLER 2022/04/14
APPR: RSILLER 2022/04/14

INITIAL REVISION:
DRWN: JMARSZALEK 2016/01/11
APPR: RSILLER 2016/04/08

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120065

molex

CSE M12 XP AC FE STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1200651978 | PSD | 000 | A10 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 3-4 | GENERAL MARKET | 3 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/04/14 06:15:29 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

# PART LIST

| No. | Part No. | Engineering No. | Cable Length |
|---|---|---|---|
| 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 |
| 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 |
| 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 |
| 192 | 1200658927 | 804000P02M050 | 5m |
| 194 | 1200658930 | 808000H08M150 | 15m |
| 196 | 1200658983 | 804000E03M002 | 0.2m |
| 197 | 1200658984 | 808000E02M2501 | 25m |
| 199 | 1200658991 | 805000P03M100H | 10m |
| 200 | 1200659038 | 804000E02M100 | 10m |
| 201 | 1200659040 | 804000E02M050 | 5m |
| 202 | 1200659052 | 808000E02M2001 | 20m |
| 203 | 1200659053 | 808000E02M3001 | 30m |
| 209 | 1200659088 | 804000P03M050HY | 5m |
| 210 | 1200659092 | 808000P02M050Y | 5m |

| No. | Part No. | Engineering No. | Cable Length |
|---|---|---|---|
| 217 | 1200659123 | 804000P03M100HY | 10m |
| 218 | 1200659144 | 805000H09M300 | 30m |
| 219 | 1200659187 | 808000E02M4001 | 40m |
| 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 |
| 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 | 1200656303 | 805000E03M050Y | 5m |
| 258 | 1200656436 | 804000P03M0601 | 6m |
| 259 | 1200656766 | 808000P02M350 | 35m |
| 260 | 1200656767 | 808000P02M400 | 40m |
| 261 | 1200657197 | 803000E03M005 | 0.5m |
| 262 | 1200657198 | 803000E03M015 | 1.5m |
| 263 | 1200657129 | 804000P03M400 | 40m |
| 264 | 1200657130 | 804000P03M500 | 50m |
| 265 | 1200657131 | 804000E03M006 | 0.6m |
| 266 | 1200657132 | 804000E03M008 | 0.8m |
| 267 | 1200657133 | 804000E03M015 | 1.5m |
| 268 | 1200657134 | 804000E03M024 | 2.4m |
| 269 | 1200657135 | 804000E03M070 | 7m |
| 270 | 1200657136 | 804000E03M080 | 8m |
| 271 | 1200657137 | 804000E03M090 | 9m |
| 272 | 1200657138 | 804000E03M180 | 18m |
| 273 | 1200657139 | 804000E03M350 | 35m |
| 274 | 1200657140 | 804000E03M400 | 40m |
| 275 | 1200657141 | 804000E03M450 | 45m |
| 276 | 1200657142 | 804000E03M500 | 50m |
| 277 | 1200657143 | 804000E03M550 | 55m |
| 278 | 1200657180 | 805000E03M070 | 7m |
| 279 | 1200657264 | 805000H09M500 | 50m |
| 280 | | | |

NOTES:

* - Part No. with Yellow PVC overmolding

** - Part No. with Black PVC overmolding

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

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FD = 0

DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 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

CURRENT REV DESC:

EC NO: 703046
DRWN: APAWLAK01 2022/04/12
CHK'D: RSILLER 2022/04/14
APPR: RSILLER 2022/04/14

INITIAL REVISION:
DRWN: JMARSZALEK 2016/01/11
APPR: RSILLER 2016/04/08

molex

CSE M12 XP AC FE STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1200651978 | PSD | 000 | A10 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES |
|---|---|---|
| | A3-SIZE | 120065 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 3-4 | GENERAL MARKET | 4 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/04/14 06:15:29 |
|---|---|---|---|

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14