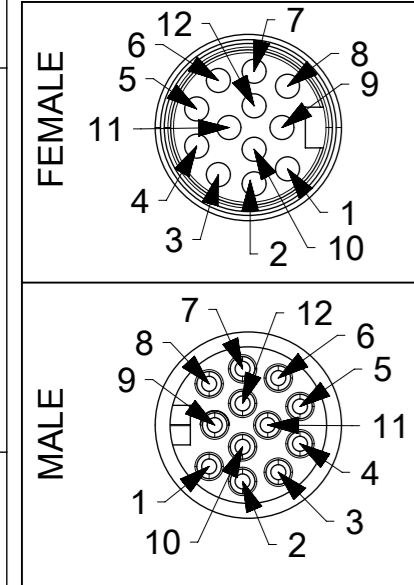


CONTACTS POSITION FRONT VIEW:



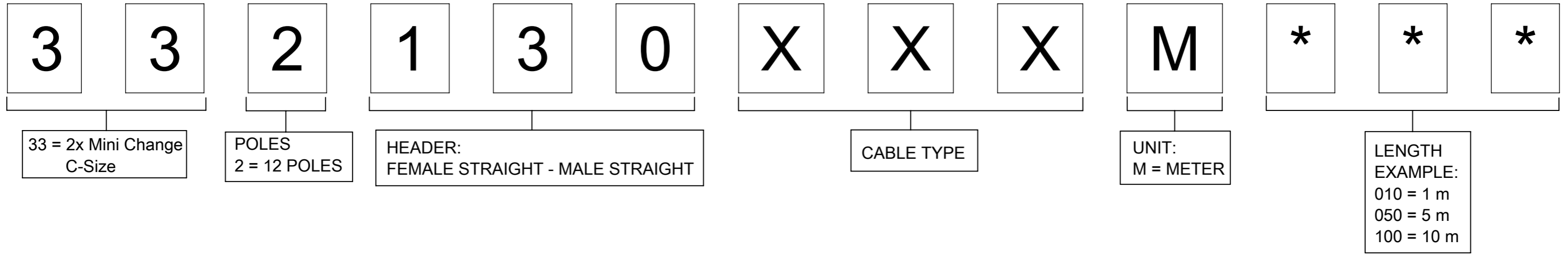
| Pin | Wire color |
|-----|--------------|
| 1 | WHITE |
| 2 | GREEN |
| 3 | YELLOW |
| 4 | GREY |
| 5 | PINK |
| 6 | RED |
| 7 | BLACK |
| 8 | VIOLET |
| 9 | GREEN/YELLOW |
| 10 | BROWN |
| 11 | BLUE |
| 12 | N/U |

BOM

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|------|------|---------------------------|-------------|---------------------|
| 12 | 1 | WRAP LABEL YE | VINYL | - |
| 11 | 3 | CONTACT MA 0.75mm | BRASS | GOLD OVER Ni-PLATED |
| 10 | 9 | CONTACT FMA 0.34mm | BRASS | GOLD OVER Ni-PLATED |
| 9 | 1 | INSERT C-SIZE MA 12P YE | PVC | - |
| 8 | 1 | COUPLING NUT C-SIZE MA BK | ALUMINIUM | - |
| 7 | 3 | CONTACT FE 0.75mm | BRASS | GOLD OVER Ni-PLATED |
| 6 | 9 | CONTACT FE 0.34mm | BRASS | GOLD OVER Ni-PLATED |
| 5 | 1 | FRICTION RING - C SIZE | NYLON | - |
| 4 | 1 | INSERT C-SIZE FE 12P YE | PVC | - |
| 3 | 1 | COUPLING NUT C-SIZE FE BK | ZINK ALLOY | Ni-PLATED |
| 2 | - | OVERMOULDING YE | PVC | - |
| 1 | - | CABLE | SEE SHEET 2 | - |

| | | | | | |
|--|---|---------------------------------------|---|------------------------------|--------------------------|
| FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$ | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SCALE 1:1 | | | |
| | DIMENSION UNITS mm | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| | ANGULAR TOL ± ° | 4 PLACES ± | PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1300128038 DOC TYPE: PSD DOC PART: 000 REVISION: A1 | | |
| | DIVISIONAL SYMBOLS | 3 PLACES ± | | | |
| | 2 PLACES ± | DRWN: AKONDRACIUK 2017/06/28 | | | |
| | 1 PLACE ± | APPR: MIWASIECZKO 2017/06/30 | | | |
| | 0 PLACES ± | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 130012 | MATERIAL NUMBER: SEE SHEET 2 | CUSTOMER: GENERAL MARKET |

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



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: TEMP. / BENDING RADIUS | DRAG CHAIN | CABLE SPEC. DRAWING |
|------------|--------------|--|--------------|--------------|-------------------------|--------------------------------|---------------------------------|------------------------------------|--|---------------------|
| B80 | 11 | 0.34mm ² /0.75mm ² | TPU Black | UL 21215/758 | C22.2 I/II A/B 80°/600V | -40°C to +90°C 7.5xO.D. | -25°C to +80°C | -5°C to +60°C 12.5xO.D. | up to 5 000 000 cycles at temp 20°C | SD-120209-005 |
| P80 | 11 | 0.34mm ² /0.75mm ² | PUR Black | --- | --- | | -15°C to +90°C 12.5xO.D. | 15xO.D. | up to 1 500 000 cycles | --- |

| OVER | UP TO AND INCLUDING | TOLERANCE (+) |
|-------|---------------------|---------------|
| 0 | 305 | +19 |
| 305 | 915 | +45 |
| 915 | 1830 | +56 |
| 1830 | 3660 | +89 |
| 3660 | 7320 | +165 |
| 7320 | 14640 | +317 |
| 14640 | 30500 | +610 |
| 30500 | > | +2% OF LENGTH |

PART LIST

| No | Part No | Engineering No | Cable Length |
|----|------------|----------------|--------------|
| 1 | 1300128038 | 332130B80M050 | 5m |
| 2 | 1300128039 | 332130B80M100 | 10m |
| 3 | 1300128040 | 332130B80M030 | 3m |
| 4 | 1300128042 | 332130B80M020 | 2m |
| 5 | 1300128043 | 332130B80M010 | 1m |
| 6 | 1300288012 | 332130P80M100 | 10m |

| | | | | |
|--|---|---|----------------------------------|--|
| FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SCALE 1:1 | CURRENT REV DESC: NEW PN ADDED | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | molex MC-12P-11W-FE/M-ST/ST-XM-WSOR PRODUCT CUSTOMER DRAWING | | |
| DIVISIONAL SYMBOLS | ANGULAR TOL ± ° | 4 PLACES ± | EC NO: 635998 | DRWN: MKOWALCZYK01 2020/04/16 CHK'D: DSTACHOWIAK 2020/04/17 APPR: DSTACHOWIAK 2020/04/17 |
| | 3 PLACES ± | 2 PLACES ± | INITIAL REVISION: | |
| 1 PLACE ± | 0 PLACES ± | DRWN: AKONDRACIUK 2017/06/28 | 2017/06/30 | DOCUMENT NUMBER 1300128038 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING A3-SIZE | SERIES 130012 |
| | | | MATERIAL NUMBER SEE PART LIST | CUSTOMER GENERAL MARKET |
| | | | | DOC TYPE PSD |
| | | | | DOC PART 000 |
| | | | | REVISION A1 |
| | | | | SHEET NUMBER 2 OF 2 |