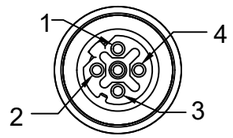
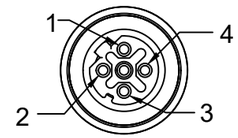
| FRONT VIEW - MALE M12 |
|---|
|  |
| 1-WHITE/ORANGE<br>2-WHITE/GREEN<br>3-ORANGE<br>4-GREEN |

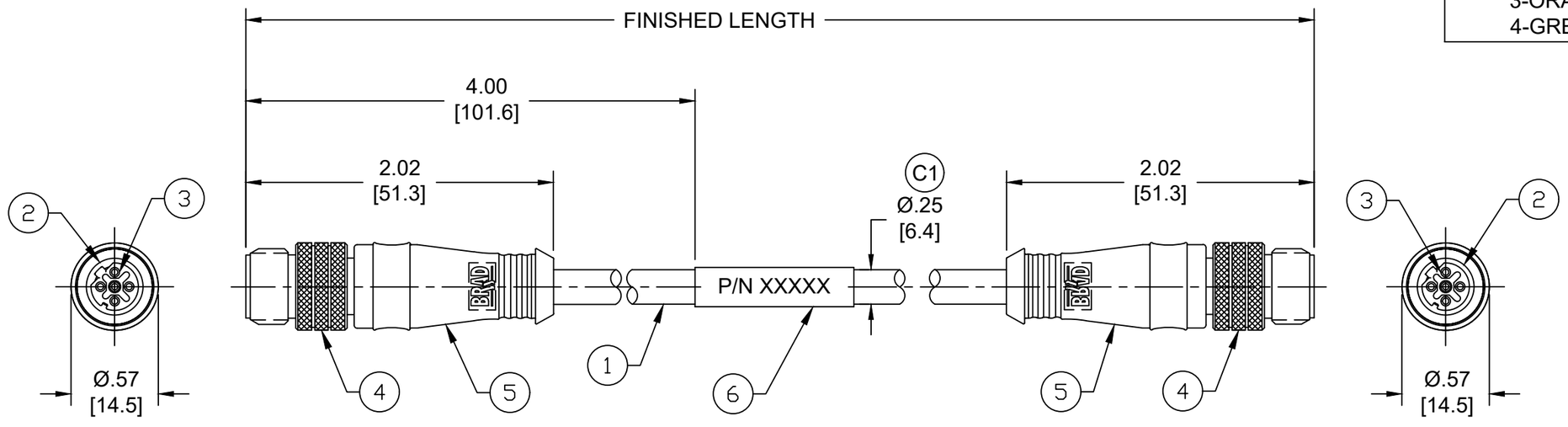


| MATERIAL NUMBER | ENGINEERING NUMBER | FINISHED LENGTH |
|---|---|---|
| 1201080421 | E11A06008M005 | 0.5M [1FT 8 IN] |
| 1201080312 | E11A06008M400 | 40M[131FT 3 IN] |
| 1201080439 | E11A06008M800 | 80M[262FT 6 IN] |

C1

| FRONT VIEW - MALE M12 |
|---|
|  |
| 1-WHITE/ORANGE<br>2-WHITE/GREEN<br>3-ORANGE<br>4-GREEN |






NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 30V AC/DC
   CURRENT: 1.5A
4. TEMP RATING: -20°TO +80°C (C1)
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12X1
7. UL LISTED FILE: E361772 (C1)
8. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE

| ITEM | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|
| 6 | WRAP LABEL | VINYL | BLACK/WHITE |
| 5 | OVERMOLD | PUR | BLACK |
| 4 | COUPLING NUT | BRASS | NICKEL PLATED |
| 3 | CONTACT PIN | COPPER ALLOY | GOLD/NICKEL PLATED |
| 2 | MALE INSERT | PUR | BLACK |
| 1 | #24 AWG CABLE | TPE JACKET | ORANGE |

# PART NUMBER LEGEND

E11A06008M005

FINISHED LENGTH
M005 - 0.5 METER
M010 - 1 METER
M200 - 20 METER

C1

| CABLE LENGTH TOLERANCES |
|---|
| <.3M [1FT]: +19mm-0 [ +.75in-0] |
| .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0] |
| .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0] |
| 1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0] |
| 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0] |
| 7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0] |
| 14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0] |
| OVER 30M [100FT] +2% OF FINISHED LENGTH |

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
FP=0
DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±---- | ±---- |
| 3 PLACES | ±---- | ±---- |
| 2 PLACES | ±---- | ±---- |
| 1 PLACE | ±---- | ±---- |
| 0 PLACES | ±---- | ±---- |
| ANGULAR TOL ± ---- ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADDED TEMP RATING, UL NUMBER, CABLE DIA & TOL CHART. MODIFIED MATERIAL NUMBER CHART

EC NO: 709714

| | | |
|---|---|---|
| DRWN: | ABENJAMINLW | 2022/03/31 |
| CHK'D: | RSTONE | 2022/06/08 |
| APPR: | BWOODMAN | 2022/06/14 |

INITIAL REVISION:

| | | |
|---|---|---|
| DRWN: | BARDEN | 2013/04/19 |
| APPR: | BWOODMAN | 2013/06/04 |

THIRD ANGLE PROJECTION

| DRAWING | SERIES |
|---|---|
| B-SIZE | 120108 |

molex

MICRO-CHANGE CORDSET, M12, 4 POLE, MALE - MALE, STRAIGHT, D-CODED, #24 AWG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-120108-062 | PSD | 001 | C1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 1 OF 1 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/06/14 13:48:34 |
|---|---|---|---|

FORMAT: IN-ACAD-tb-prod-B
REVISION: B
DATE: 2020/01/14