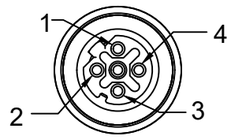
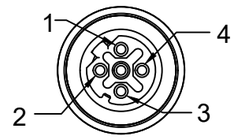
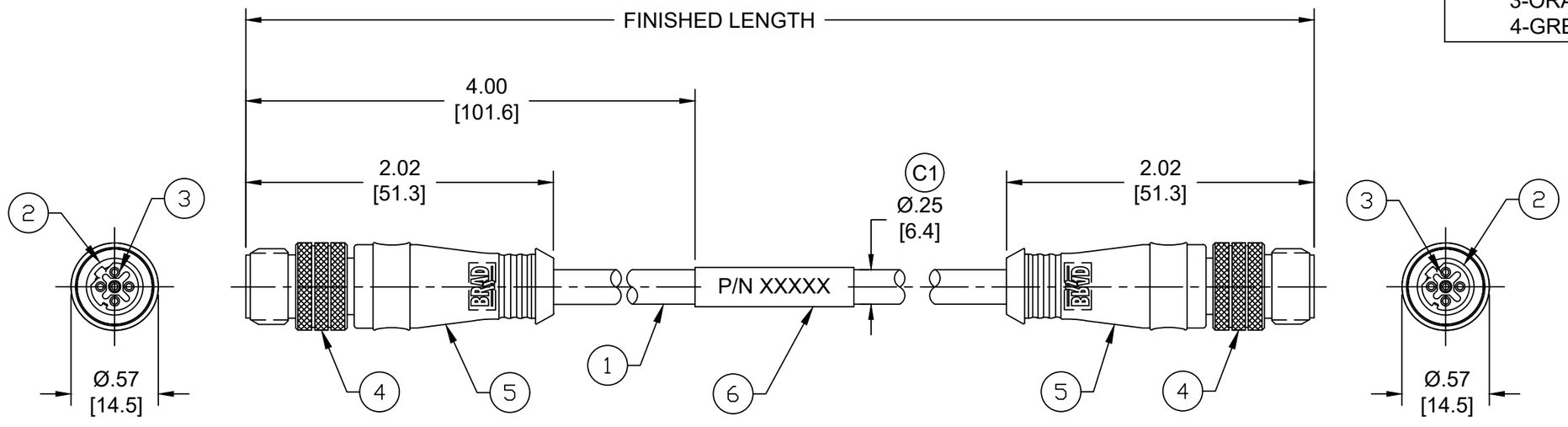
FRONT VIEW - MALE M12

1-WHITE/ORANGE 2-WHITE/GREEN 3-ORANGE 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 2-WHITE/GREEN 3-ORANGE 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