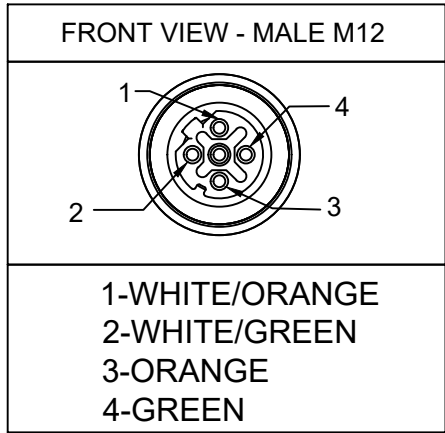
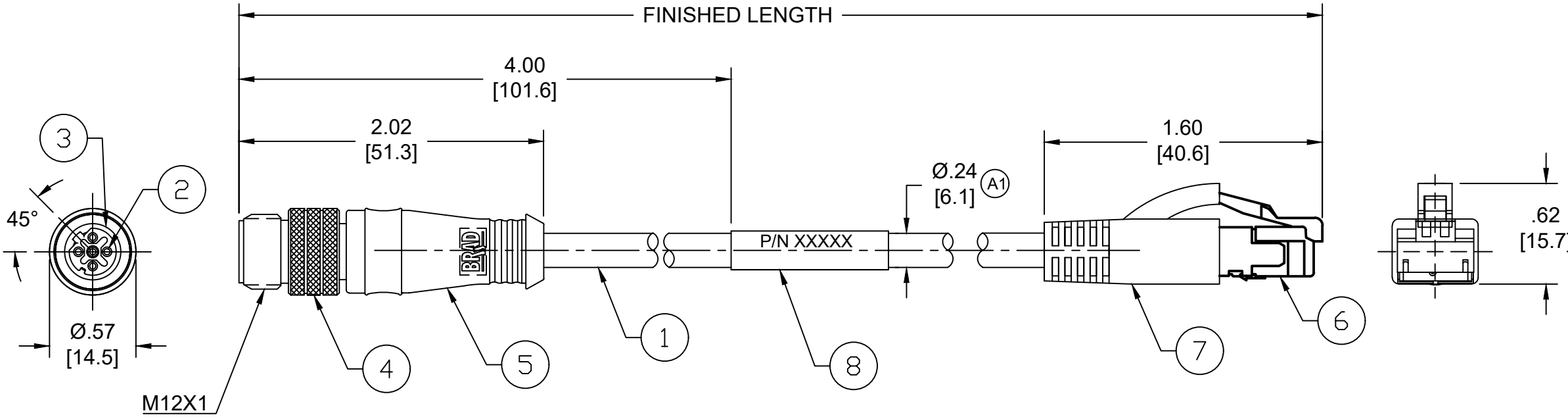
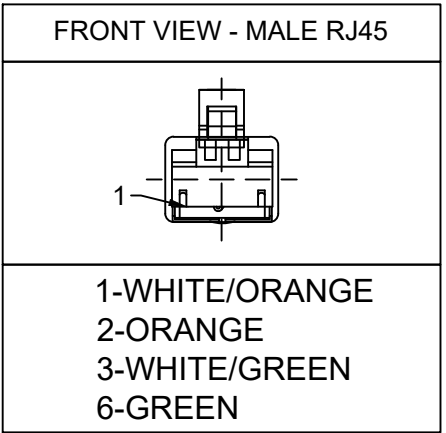




PART NO	ENGINEERING NO.	FINISHED LENGTH
1300480309	E16A06004M010	1M [3FT 3 IN]
1300480406	E16A06004M400	40M [131FT 3 IN]
1300480377	E16A06004M850	85M [278FT 10 IN]



- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISH: SEE TABLE
 3. ELECTRICAL:
VOLTAGE: 30V AC/DC
CURRENT: 1.5A
 4. TEMP RATING: -20°TO +75°C
 5. PROTECTION: IP67/69K (WHEN MATED)
 6. UL RECOGNIZED FILE: E200650 (A1)
 7. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

MECHANICAL CHARACTERISTICS: (A1)

FLEX LIFE:	(126 CYCLES/MIN @ 20° C) 1 MILLION CYCLE TEST (10X CABLE O.D., MINIMUM RADIUS) 10 MILLION CYCLE TEST (20X CABLE O.D., MINIMUM RADIUS)
TORSIONAL FLEX:	(1 LB LOAD, 360°, 71 CYCLES/MIN @ 20° C) 3 MILLION CYCLE TEST

PART NUMBER LEGEND

E16A06004M005

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

(A1)

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

8	WRAP LABEL	VINYL	BLACK/WHITE
7	RJ45 BOOT, HOODED	PVC	BLACK
6	RJ45 PLUG	POLYCARBONATE	TRANSPARENT
5	OVERMOLD	PUR	BLACK
4	COUPLING NUT	BRASS	NICKEL PLATED
3	INSERT	PUR	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
1	CABLE, ETHERNET, 24-4	TPE	TEAL
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/04	21:13:43
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FUNCTIONAL SYMBOLS $\nabla_F=0$ $\nabla_C=0$ $\nabla_P=0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS INCH/MM	SCALE NTS
	CURRENT REV DESC: ADDED BOM, UL NUMBER., CABLE DIA, MECH CHART, MATERIAL NUMBER TABLE & TOL CHART	
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	4 PLACES ±---- ±----	
3 PLACES ±---- ±----		
2 PLACES ±---- ±----		
1 PLACE ±---- ±----		
0 PLACES ±---- ±----		
ANGULAR TOL ± ---- °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION		
DRAWING B-SIZE		
SERIES 130048		
MATERIAL NUMBER SEE CHART		
CUSTOMER GENERAL MARKET		
SHEET NUMBER 1 OF 1		

EC NO: 704134
DRWN: ABENJAMINLW 2021/10/01
CHK'D: RSTONE 2022/04/27
APPR: BWOODMAN 2022/05/04

INITIAL REVISION:
DRWN: BARDEN 2014/02/19
APPR: JFMURPHY 2014/03/13

DOCUMENT NUMBER SD-130048-009		DOC TYPE PSD	DOC PART 001	REVISION A1
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molex

MIC D-CODE / ETHERNET
4P M12 MALE/RJ45 MALE, STRAIGHT
#24-4 TPE HI-FLEX

PRODUCT CUSTOMER DRAWING