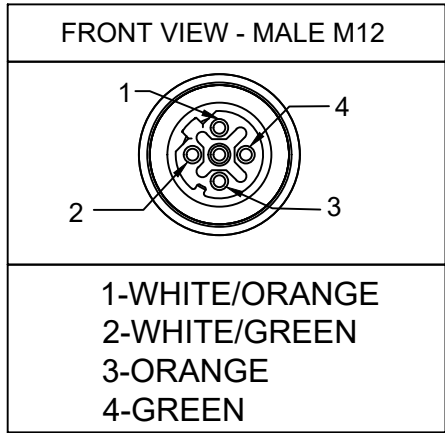
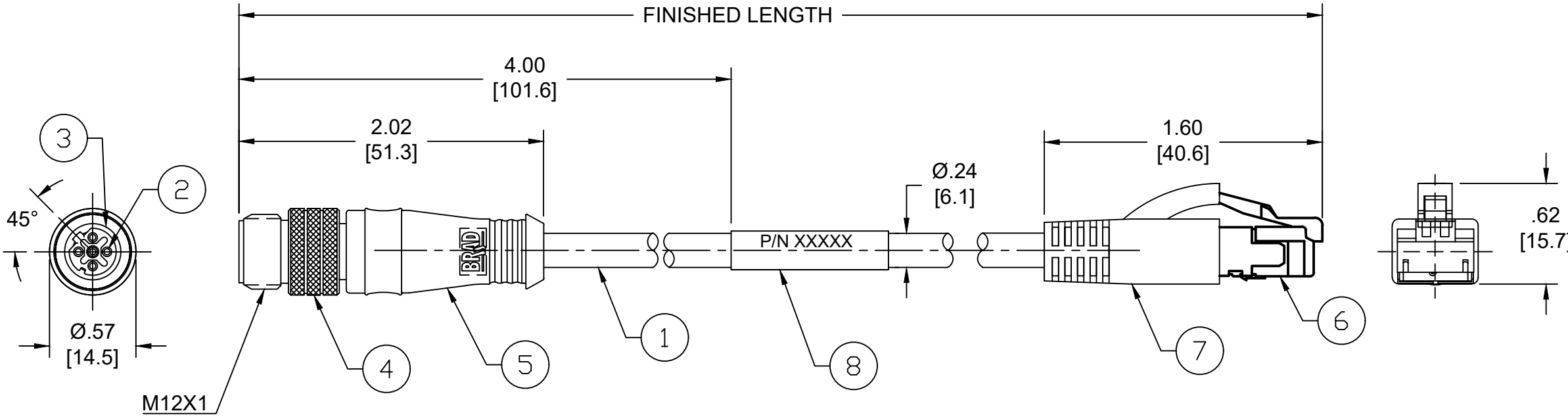
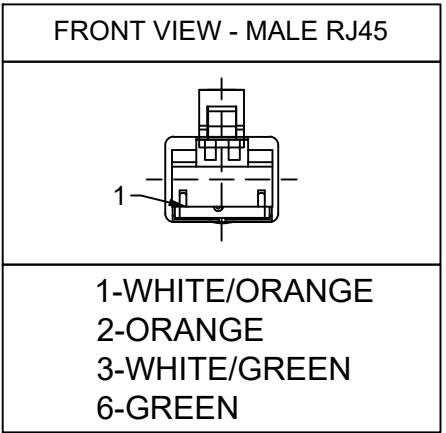




PART NO	ENGINEERING NO.	FINISHED LENGTH
1300480309	E16A06004M010	1M [3FT 3 IN]
1300480406	E16A06004M400	40M [131FT 3 IN]
1300480377	E16A06004M850	85M [278FT 10 IN]



- NOTES:
- MATERIAL: SEE TABLE
 - FINISH: SEE TABLE
 - ELECTRICAL:
VOLTAGE: 30V AC/DC
CURRENT: 1.5A
 - TEMP RATING: -20°TO +75°C
 - PROTECTION:
RJ45: IP20
M12 CONNECTOR: IP67(WHEN MATED)
 - UL RECOGNIZED FILE: E200650
 - ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

MECHANICAL CHARACTERISTICS:

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

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	2024/06/21	13:36:02
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FUNCTIONAL SYMBOLS

$\nabla_A=0$

$\nabla_C=0$

$\nabla_P=0$

DIVISIONAL SYMBOLS

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

DIMENSION UNITS	SCALE
INCH/MM	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mmINCH
4 PLACES	±----±----
3 PLACES	±----±----
2 PLACES	±----±----
1 PLACE	±----±----
0 PLACES	±----±----
ANGULAR TOL ± ---- °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: MODIFIED PROTECTION DETAILS

IN NOTES

EC NO: 789859

DRWN: ABENJAMINLW 2024/06/12

CHK'D: PDODDAMANEMY 2024/06/19

APPR: BWOODMAN 2024/06/21

INITIAL REVISION:

DRWN: BARDEN 2014/02/19

APPR: JFMURPHY 2014/03/13

THIRD ANGLE PROJECTION

DRAWING B-SIZE

SERIES 130048

MATERIAL NUMBER SEE CHART

CUSTOMER GENERAL MARKET

SHEET NUMBER 1 OF 1

molex

MIC D-CODE / ETHERNET

4P M12 MALE/RJ45 MALE, STRAIGHT

#24-4 TPE HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130048-009	PSD	001	A2