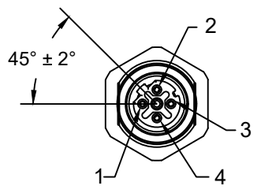
MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1201080348	ERWPAU7006M003	0.3M [1FT]
1201080313	ERWPAU7006M020	2M[6FT 7 IN]
1201080372	ERWPAU7006M050	5M[16FT 5 IN]

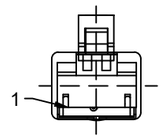
B1

FRONT VIEW-FEMALE

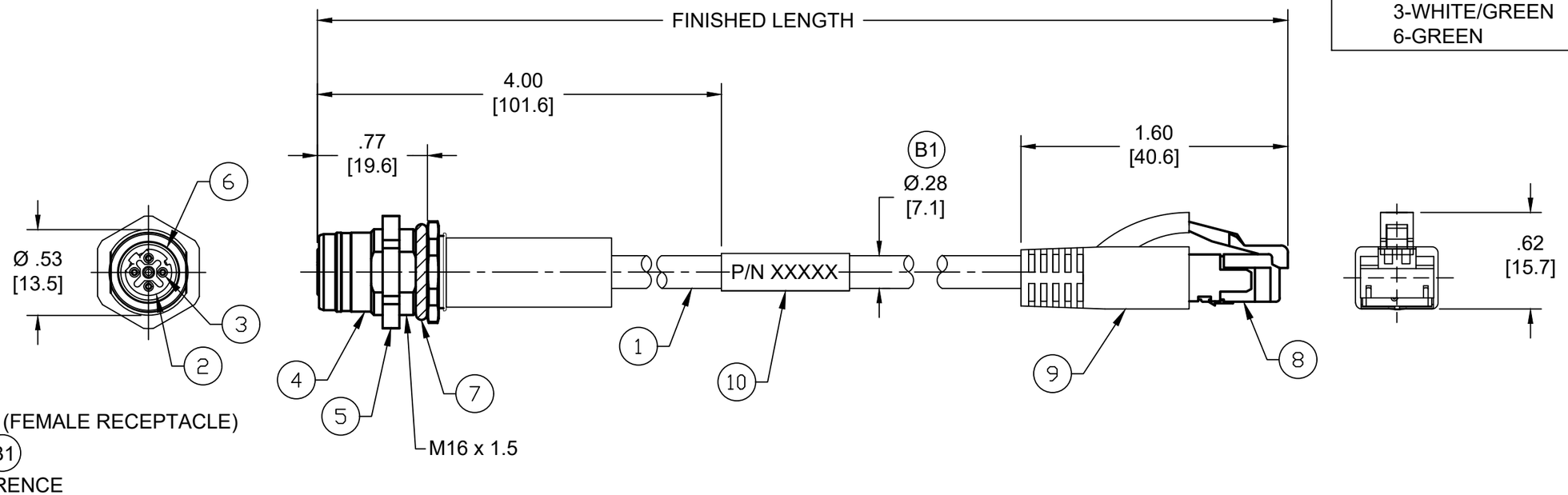


1-WHITE/ORANGE
2-WHITE/GREEN
3-ORANGE
4-GREEN

FRONT VIEW - MALE RJ45



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



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 125V AC/DC (B1)
   CURRENT: 1.5A
4. TEMP RATING: -20°TO +75°C (B1)
5. PROTECTION: IP67 WHEN MATED (FEMALE RECEPTACLE)
6. UL RECOGNIZED FILE: E200650 (B1)
7. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE

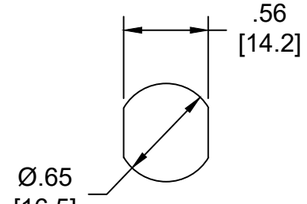
ITEM	DESCRIPTION	MATERIAL	FINISH
10	WRAP LABEL	VINYL	BLACK/WHITE
9	RJ45 BOOT, HOODED	PVC	BLACK
8	RJ45 PLUG	POLYCARBONATE	TRANSPARENT
7	GASKET	FPM	RED
6	O-RING	NITRILE	BLACK
5	PANEL NUT	BRASS	NICKEL PLATED
4	RECEPTACLE SHELL	BRASS	NICKEL PLATED
3	CONTACT SOCKET	COPPER ALLOY	GOLD/NICKEL PLATED
2	FEMALE INSERT	PUR	BLACK
1	CABLE, ETHERNET, 24 AWG	TPE JACKET	BLUE

(B1)

PART NUMBER LEGEND

ERWPAU7006M003

FINISHED LENGTH
M003 - 0.3 METER
M010 - 1 METER
M200 - 20 METER



PANEL CUTOUT
RECOMMENDED

B1

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: INCH/MM
SCALE: 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 BOM LIST, TEMP RATING, UL NUMBER, CABLE DIA, MATERIAL NUMBER & TOL CHART.

EC NO: 703079
DRWN: ABENJAMINLW 2021/11/03
CHK'D: RSTONE 2022/04/12
APPR: BWOODMAN 2022/04/18

INITIAL REVISION:
DRWN: BARDEN 2013/04/17
APPR: JFMURPHY 2013/04/18

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 120108

molex

MIC D-CODE / ETHERNET
4P FR M12 REC/RJ45 ST #24-2P BLUE TPE CAT5E

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120108-055	PSD	001	B1

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/18 21:16:38

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