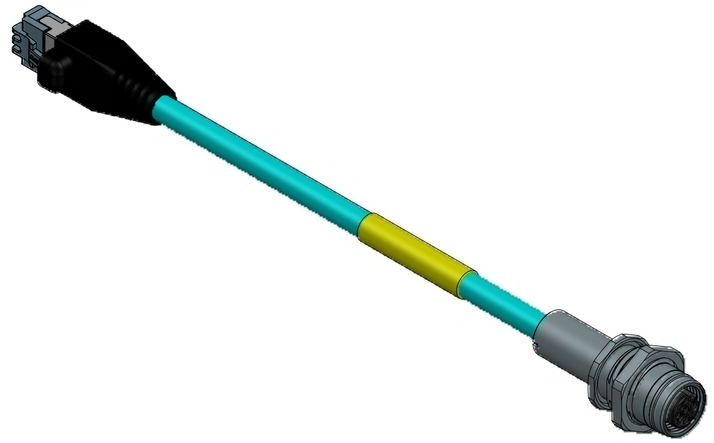
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1201080673	ERWPAU7004M003	11.81 IN (0.3M)
1201080799	ERWPAU7004M005	19.68 IN (0.5M)
1201080674	ERWPAU7004M006	23.62 IN (0.6M)
1201080675	ERWPAU7004M010	3 FT 3 IN (1.0M)
1201080676	ERWPAU7004M020	6 FT 7 IN (2.0M)
1201080679	ERWPAU7004M030	9 FT 10 IN (3.0M)
1201080798	ERWPAU7004M040	13 FT 1 IN (4.0M)
1201080677	ERWPAU7004M050	16 FT 5 IN (5.0M)

B

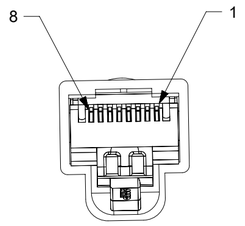
ERWPAU7004M003

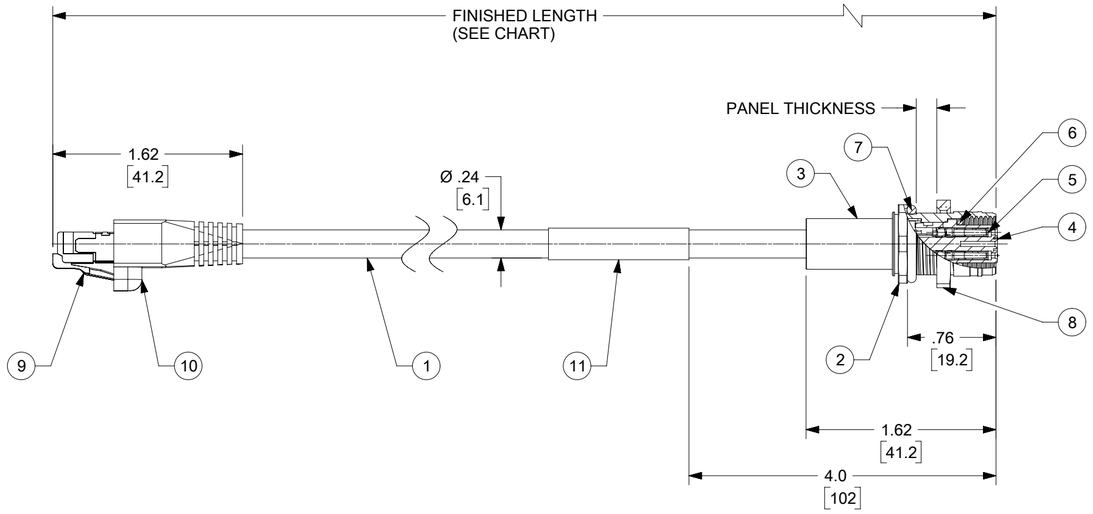
LENGTH
M001 = .1 METERS
M010 = 1.0 METERS
M100 = 10 METERS

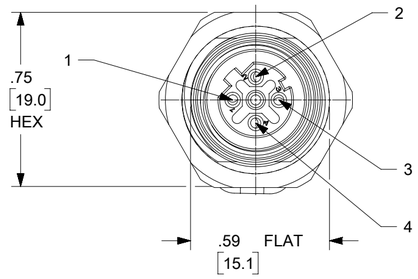
PART NUMBER MATRIX



RJ45 PLUG FACE VIEW





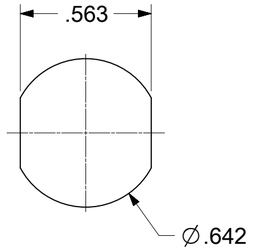


M12 FEMALE FACE VIEW

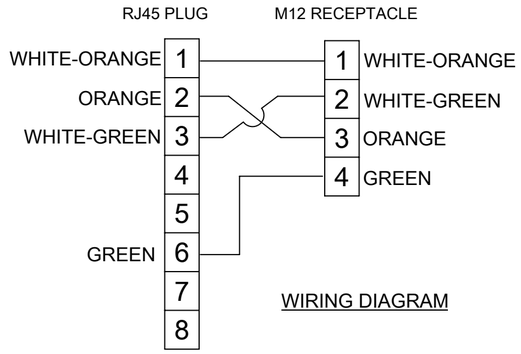
NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 125V
   CURRENT: 1.5A
4. TEMP RATING: -20°TO +75°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1.0
7. MAX PANEL THICKNESS: 8mm
8. ALL DIMS ARE FOR REFERENCE
   UNLESS NOTED OTHERWISE

CABLE FLEX DATA:
ROLLING BEND: 1 MILLION CYCLES @ 4 IN. DIA. MANDREL
10 MILLION CYCLES @ 8 IN. DIA. MANDREL

TORSIONAL FLEX: 3 MILLION CYCLES PER MIL C-13777G



PANEL CUTOUT



WIRING DIAGRAM

11	WRAP LABEL	VINYL	BLACK/YELLOW
10	RJ45 BOOT (HOODED)	PVC	BLACK
9	RJ45 PLUG	POLY CARB/ PHOS-BRNZ	GOLD PLATED CONTACTS
8	PANEL NUT	BRASS	NICKEL PLATED
7	PANEL O-RING	BUNA	BLACK
6	MATING O-RING	VITON	RED
5	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
4	INSERT	PUR	BLACK
3	RECEPTACLE SLEEVE	BRASS	NICKEL PLATED
2	RECEPTACLE SHELL	BRASS	NICKEL PLATED
1	CABLE, 24/4	TPE JACKET	TEAL
ITEM	DESCRIPTION	MATERIAL	FINISH

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

SYMBOLS
F = 0
C = 0
P = 0
S = 0
= 0
C = 0
= 0
= 0
= 0

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

DIMENSION UNITS: HYBRID
SCALE: 1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADDED NEW PART NUMBERS

EC NO: 759239
DRWN: HENRYB1 2023/08/09
CHK'D: RSTONE 2023/08/15
APPR: BWOODMAN 2023/08/15

INITIAL REVISION:
DRWN: RSTONE 2018/02/16
APPR: BWOODMAN 2018/03/03

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 120108

molex

M12 RECEPT. D-CODE TO RJ45 PLUG 24/4 TPE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1201080673	PSD	000	B

MATERIAL NUMBER: SEE MATERIAL NO. CHART
CUSTOMER:
SHEET NUMBER: 1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/15 19:11:17

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18