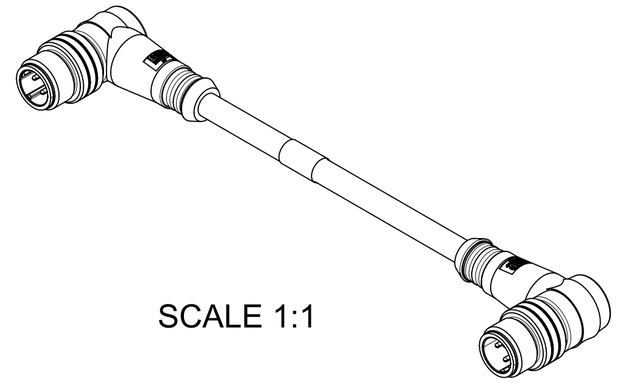
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1201080689	E11A06304M003	0FT 11.8IN (0.3M)
1201080732	E11A06304M450	147FT 7.6IN (45M)
1201080710	E11A06304M850	278FT 10IN (85M)

PART NO. MATRIX

E11A06304M005

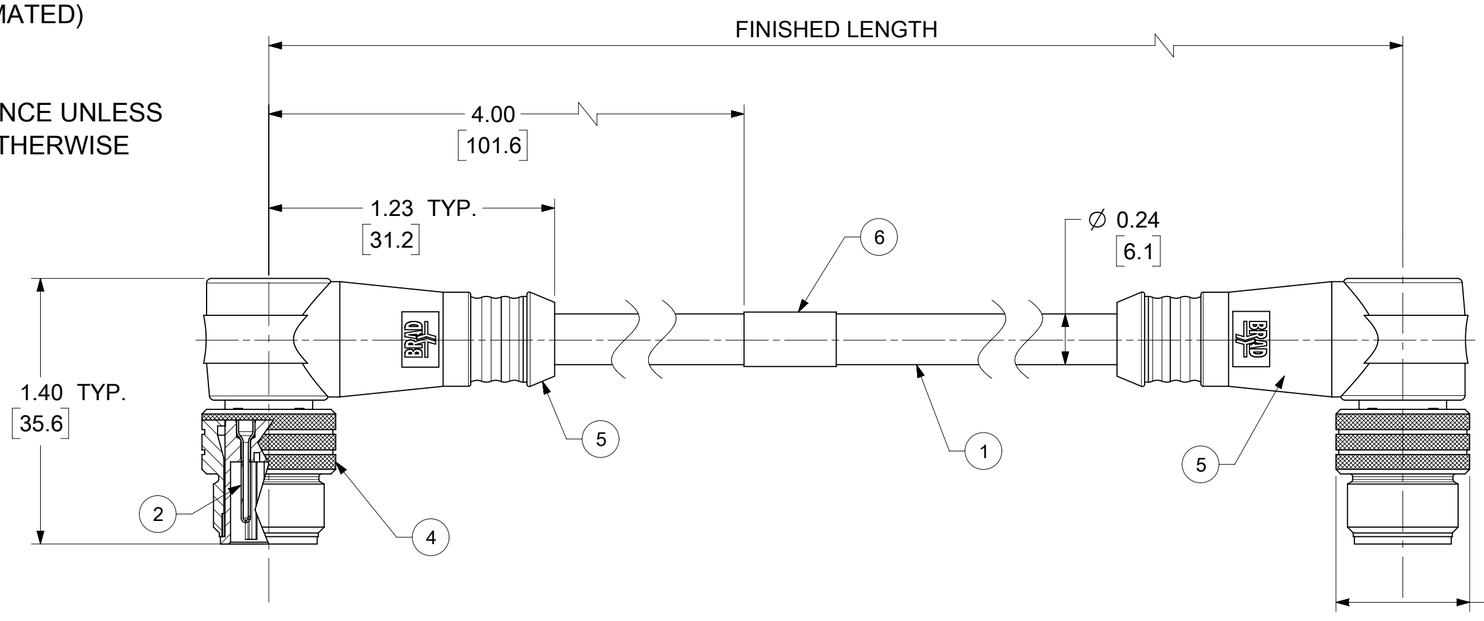
FINISHED LENGTH
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

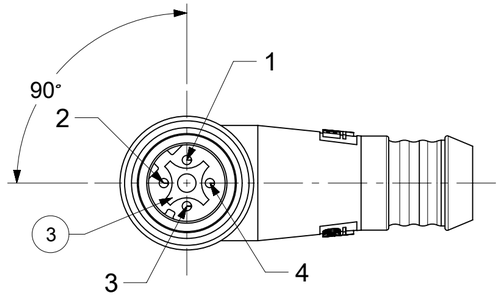
CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH



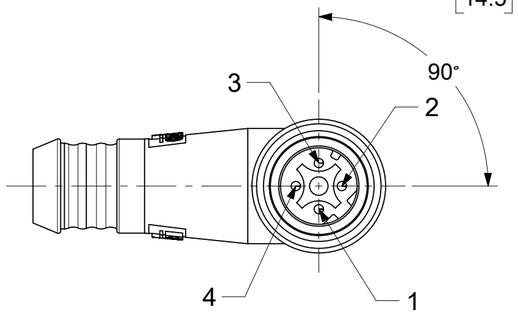
SCALE 1:1

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL SPECIFICATIONS
 VOLTAGE RATING: 30V
 CURRENT RATING: 1.5A
4. TEMP RANGE: -20°C TO +75°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING NUT: M12 X 1.0
7. UL FILE: E361772
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE





MALE FACE VIEW



MALE FACE VIEW

WIRING DIAGRAM

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

MECHANICAL CHARACTERISTICS:

FLEX LIFE	(126 CYCLES/MIN @ 20º 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, 360º, 71 CYCLES/MIN @ 20º C) 3 MILLION CYCLE TEST

ITEM	DESCRIPTION	MATERIAL	FINISH
6	LABEL	VINYL	BLACK/YELLOW
5	OVERMOLD	TPC	BLACK
4	COUPLING NUT M12 MALE	BRASS	NICKEL/TEFLON
3	INSERT D-CODE 4 POLE MALE	PUR	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD PLATED
1	CABLE, ETHERNET, 24-4	TPE JACKET	TEAL

DOCUMENT STATUS | P1 | RELEASE DATE | 2020/11/18 23:03:20

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: 2:1

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: INITIAL RELEASE, PVC CHANGED TO TPC

EC NO: 648668
DRWN: VBASUTHKARP 2020/09/23
CHK'D: RSTONE 2020/11/11
APPR: BWOODMAN 2020/11/18

INITIAL REVISION:
DRWN: VBASUTHKARP 2020/09/23
APPR: BWOODMAN 2020/11/18

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

molex

MICRO-CHANGE CORDSET, M12
4 POLE, MALE-MALE, 90 DEG, D-CODE, 24/4 CAT5E

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1201080689	PSD	000	A

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

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E
DATE: 2020/1/14