

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300101952	115033K13M005	1 FT 7.6 IN (0.5 M)
1300100118	115033K13M010	3 FT 3.3 IN (1 M)
1300101965	115033K13M600	196 FT 10.2 IN (60 M)

WIRING DIAGRAM

S1		P2
1	WHITE	1
2	RED	2
3	GREEN/YELLOW	3
4	ORANGE	4
5	BLACK	5

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:

VOLTAGE: 400V PER IEC60664

600V PER UL2238

CURRENT: 8A
4. TEMP RATING: -20°C TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E152210
7. ASSEMBLY IS ROHS COMPLIANT
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

10	WRAP LABEL	VINYL	BLACK/YELLOW
9	MALE COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
8	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
7	MALE INSERT	TPE	YELLOW
6	OVERMOLD	TPE	YELLOW
5	FEMALE COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
4	FRICTION RING	NYLON	NATURAL
3	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, 5/C, 16 AWG	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS

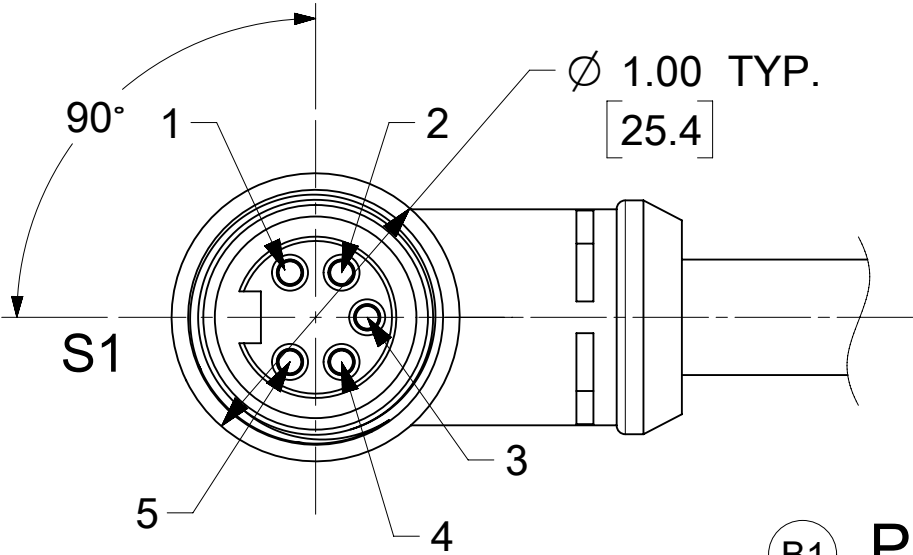
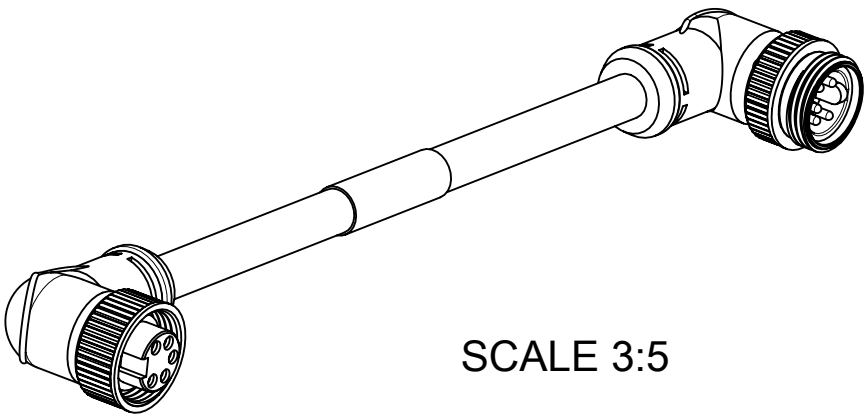
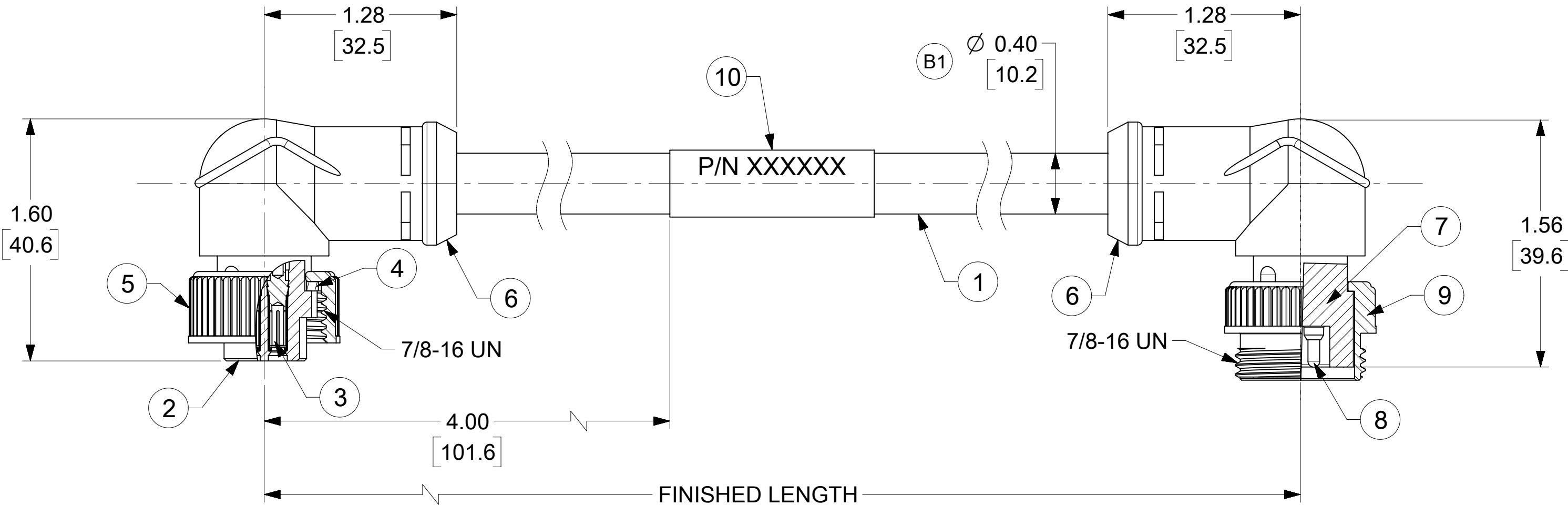
P1

RELEASE DATE

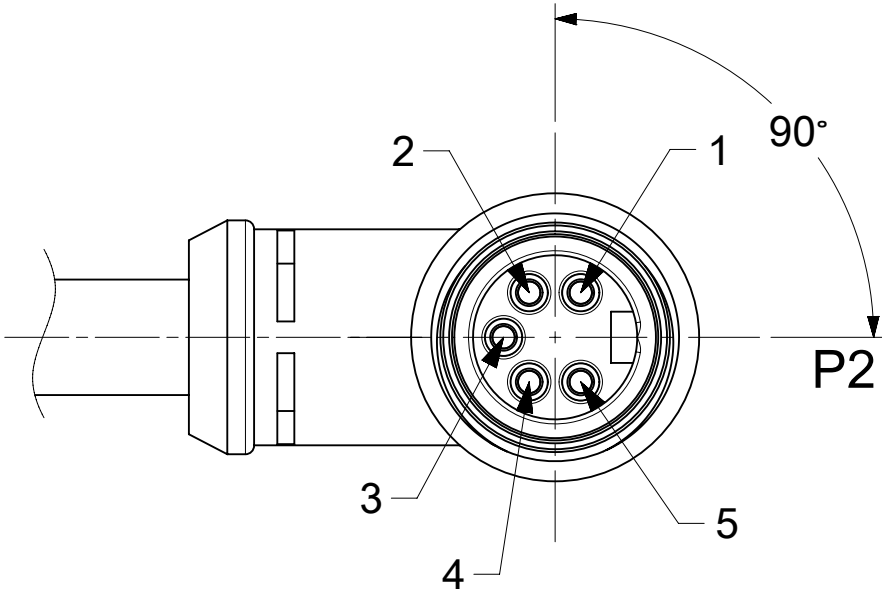
2021/11/11

00:06:22

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



FEMALE FACE VIEW



MALE FACE VIEW

PART NUMBER LEGEND

115033K13M010

FINISHED LENGTH
M001 = 0.1 METER
M010 = 1 METER
M100 = 10 METER

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED IEC VOLT, TEMP RATING, DIA, HI-FLEX DATA, TOL. CHART & MODIFIED PN CHART			molex		
F A = 0		INCH/MM		1.5:1							
F C = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI-CHANGE CORDSET, A SIZE, 5 POLE MALE-FEMALE, 90 DEG, SINGLE KEY, 16 AWG HI-FLEX		
F P = 0											
DIVISIONAL SYMBOLS						EC NO: 684287			2021/06/04		
						DRWN: VHANDI			2021/11/08		
						CHK'D: RSTONE			2021/11/11		
						APPR: BWOODMAN					
						INITIAL REVISION:					
						DRWN: RSTONE			2013/03/11		
						APPR: JFMURPHY			2013/04/25		
						ANGULAR TOL			± 2.0 °		
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING
										C-SIZE	SERIES
										130010	MATERIAL NUMBER
										SEE TABLE	CUSTOMER
										GENERAL MARKET	SHEET NUMBER
										1 OF 1	