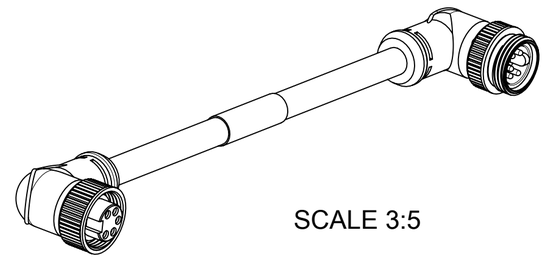
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300100118	115033K13M010	3 FT 3.3 IN (1 M)
1300101965	115033K13M600	196 FT 10.2 IN (60 M)

B1

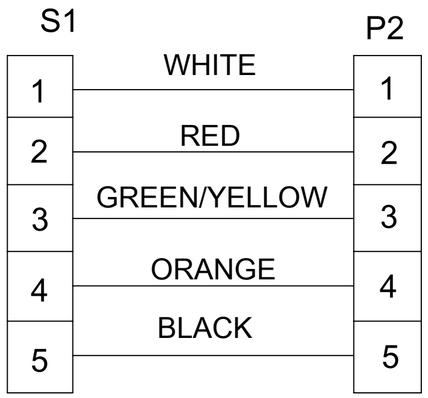
CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: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

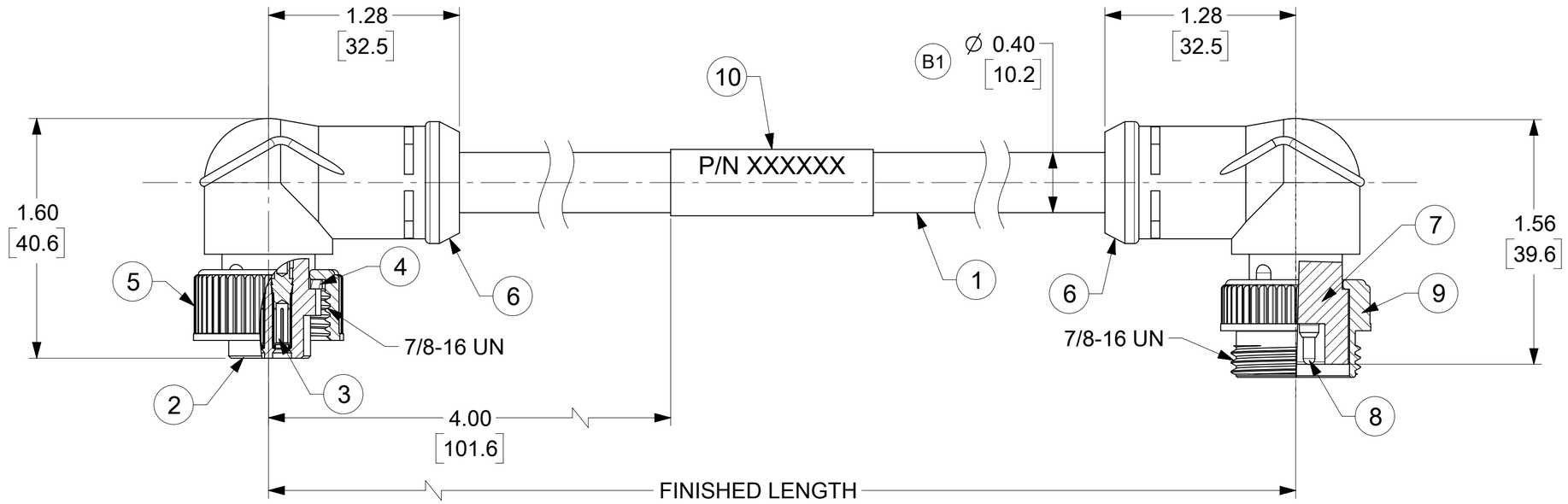
B1

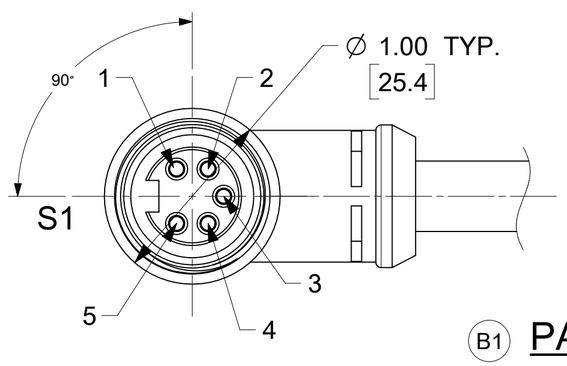


SCALE 3:5

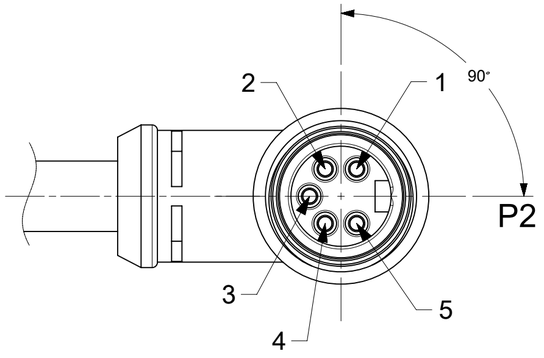
WIRING DIAGRAM







FEMALE FACE VIEW



MALE FACE VIEW

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 400V PER IEC60664 (B1)
   600V PER UL2238
   CURRENT: 8A
4. TEMP RATING: -20°C TO +90°C (B1)
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E152210 (B1)
7. ASSEMBLY IS ROHS COMPLIANT
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH
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

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/05 13:01:55

B1 PART NUMBER LEGEND

115033K13M010

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

B1 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

DIMENSION UNITS: INCH/MM
SCALE: 1.5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	± 0.01
1 PLACE	± 0.3	±
0 PLACES	±	±
ANGULAR TOL	± 2.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#516685

EC NO: 830087
DRWN: PONNAM 2025/07/24
CHK'D: GGA 2025/08/05
APPR: GGA 2025/08/05

INITIAL REVISION:
DRWN: RSTONE 2013/03/11
APPR: JFMURPHY 2013/04/25

molex

MINI-CHANGE CORDSET, A SIZE, 5 POLE
MALE-FEMALE, 90 DEG, SINGLE KEY, 16 AWG HI-FLEX

PRODUCT CUSTOMER DRAWING

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	130010	SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130010-027	PSD	001	B2

FORMAT: Eng-lega-master-B-prod-C
REVISION: E1
DATE: 2021/05/01