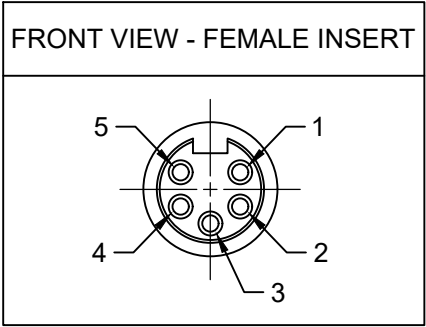
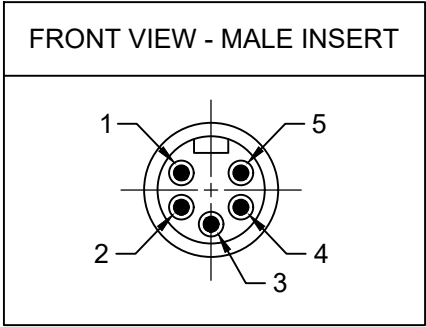


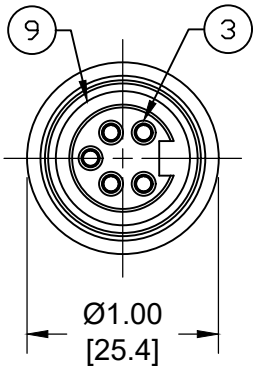


PART NO	ENGINEERING NO.	FINISHED LENGTH
1300101828	115030K13M005	0.5M [1FT 8 IN]
1300101834	115030K13M500	50M [164FT]
1300102053	115030K13T107	107M [351FT 1 IN]

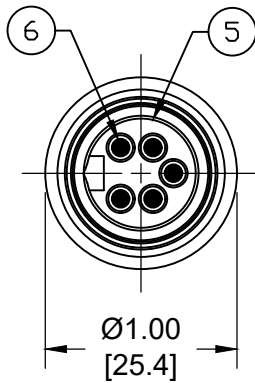
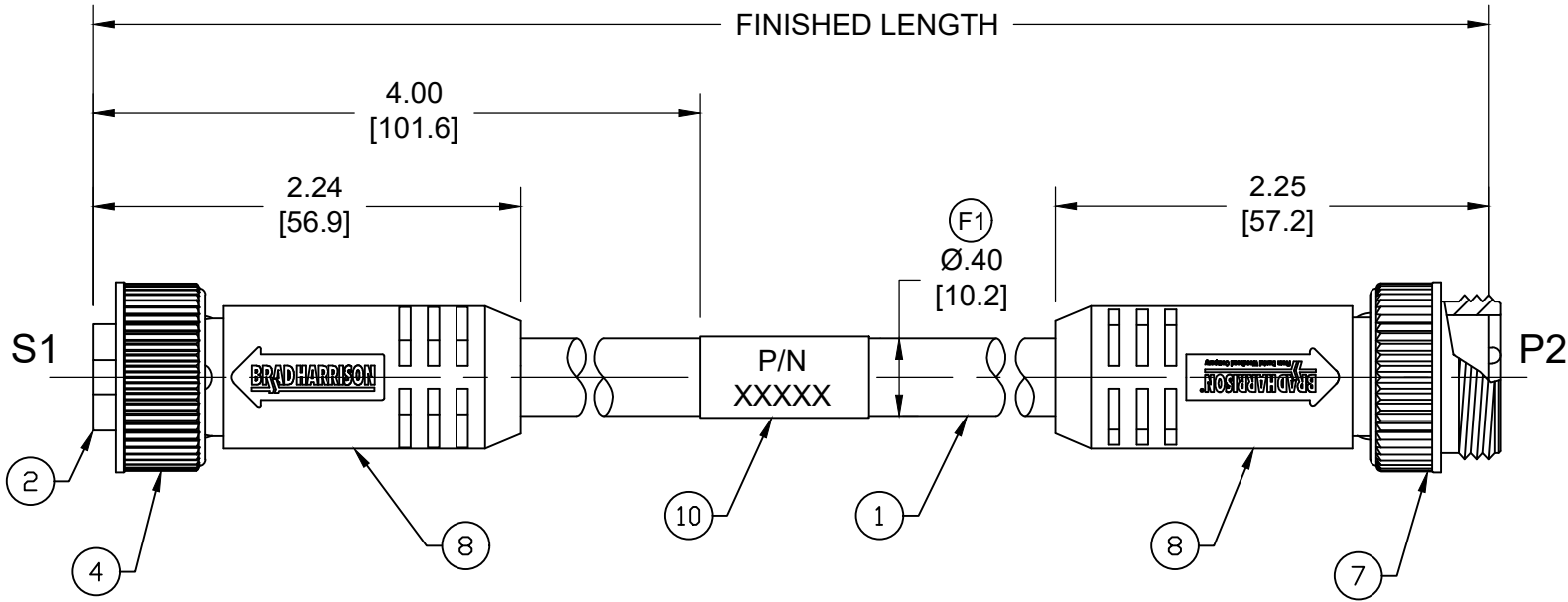


NOTES:

1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
VOLTAGE: 400V PER IEC60664
600V PER UL2238
CURRENT: 8A (F1)
4. TEMP RATING: -20°TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16 UN
7. UL LISTED FILE: E152210
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE



FEMALE FACE VIEW



MALE FACE VIEW

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

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

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

PART NUMBER LEGEND
115030K13M005

FINISHED LENGTH
F010= 1 FEET
M005= 0.5 METER
M010= 1 METER
M100= 10 METER
T100= 100 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

FUNCTIONAL SYMBOLS DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED ITEM-9 & 10, CABLE DIA. CURRENT WAS 10A. MODIFIED PART NUMBER CHART				molex MINI-CHANGE CORDSET, A-SIZE 5 POLE, MALE - FEMALE, STRAIGHT, SINGLE KEY, #16/5 AWG HI-FLEX						
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 709714 DRWN: ABENJAMINLW 2022/05/17 CHK'D: RSTONE 2022/06/08 APPR: BWOODMAN 2022/06/14										
	mm		INCH												
	4 PLACES		±----		±----		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-130010-017 DOC TYPE PSD DOC PART 001 REVISION F1								
	3 PLACES		±----		±----										
	2 PLACES		±----		±----										
	1 PLACE		±----		±----										
	0 PLACES		±----		±----		INITIAL REVISION: DRWN: VOU 2012/02/27 APPR: JFMURPHY 2013/04/05								
ANGULAR TOL ± ---- °															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 130010		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	