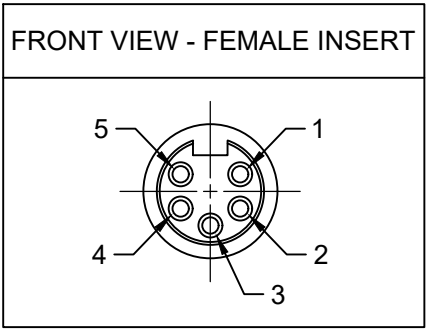
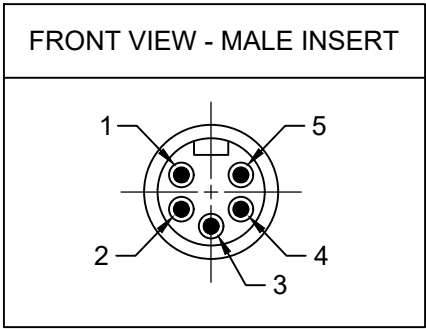


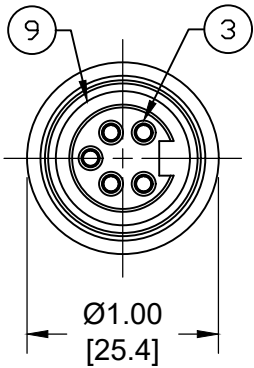


PART NO	ENGINEERING NO.	FINISHED LENGTH
1300101828	115030K13M005	0.5M [1FT 8 IN]
1300101834	115030K13M500	50M [164FT]
1300102053	115030K13T107	107M [351FT 1 IN]

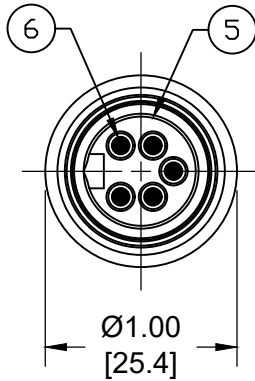
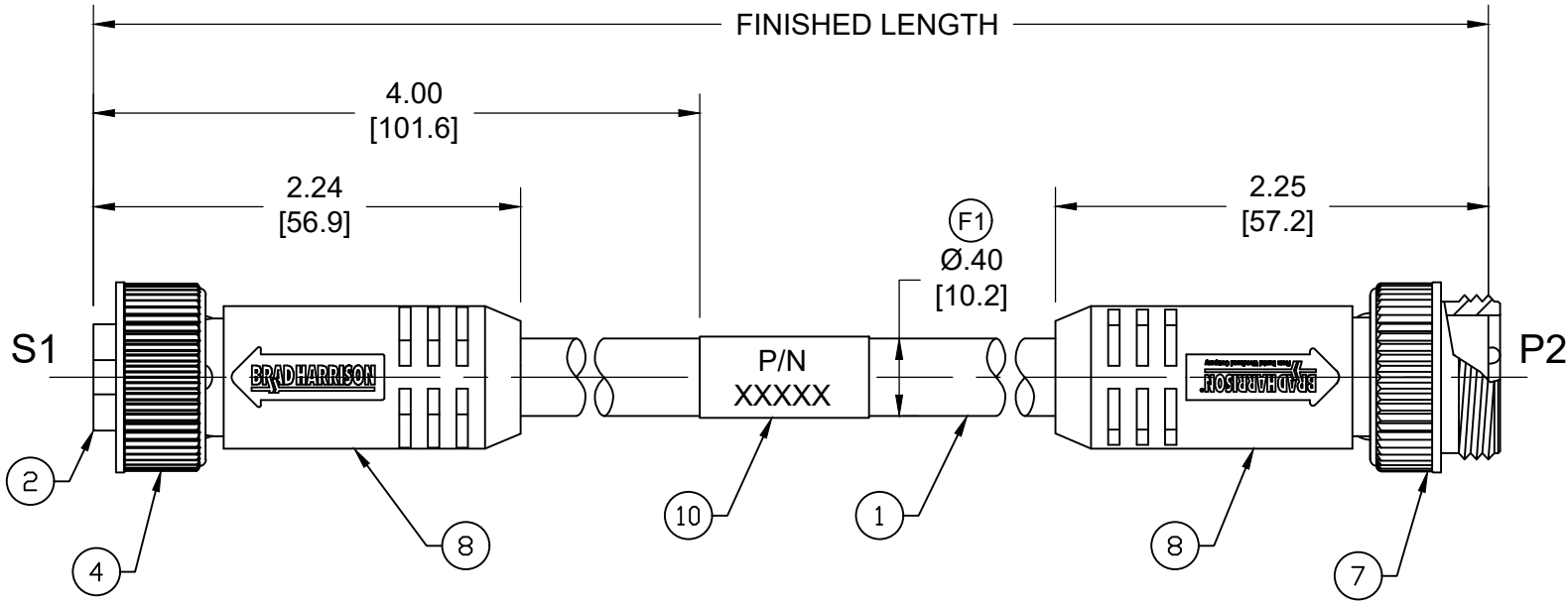


NOTES:

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 F_A =0 F_C =0 F_P =0 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		± ---- ± ----																
	3 PLACES		± ---- ± ----																
	2 PLACES		± ---- ± ----																
	1 PLACE		± ---- ± ----																
	0 PLACES		± ---- ± ----																
ANGULAR TOL ± ---- °				INITIAL REVISION:					DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER			CUSTOMER			SHEET NUMBER			
						B-SIZE		130010		SEE CHART			GENERAL MARKET			1 OF 1			

molex

MINI-CHANGE CORDSET, A-SIZE
5 POLE, MALE - FEMALE, STRAIGHT,
SINGLE KEY, #16/5 AWG HI-FLEX

PRODUCT CUSTOMER DRAWING

SD-130010-017

PSD

001

F1