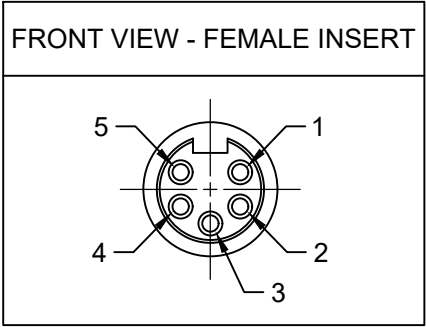
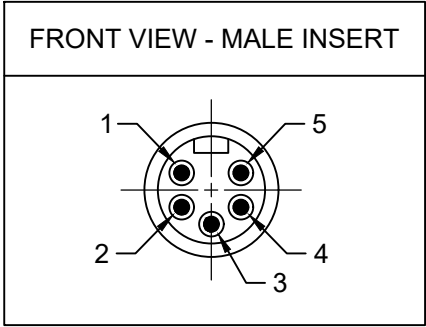




PART NO	ENGINEERING NO.	FINISHED LENGTH
1300101923	115031K13M005	0.5M [1FT 8 IN]
1300101933	115031K13M300	30M [98FT 5 IN]
1300101936	115031K13M600	60M [196FT 10 IN]

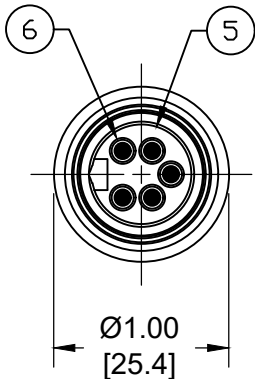
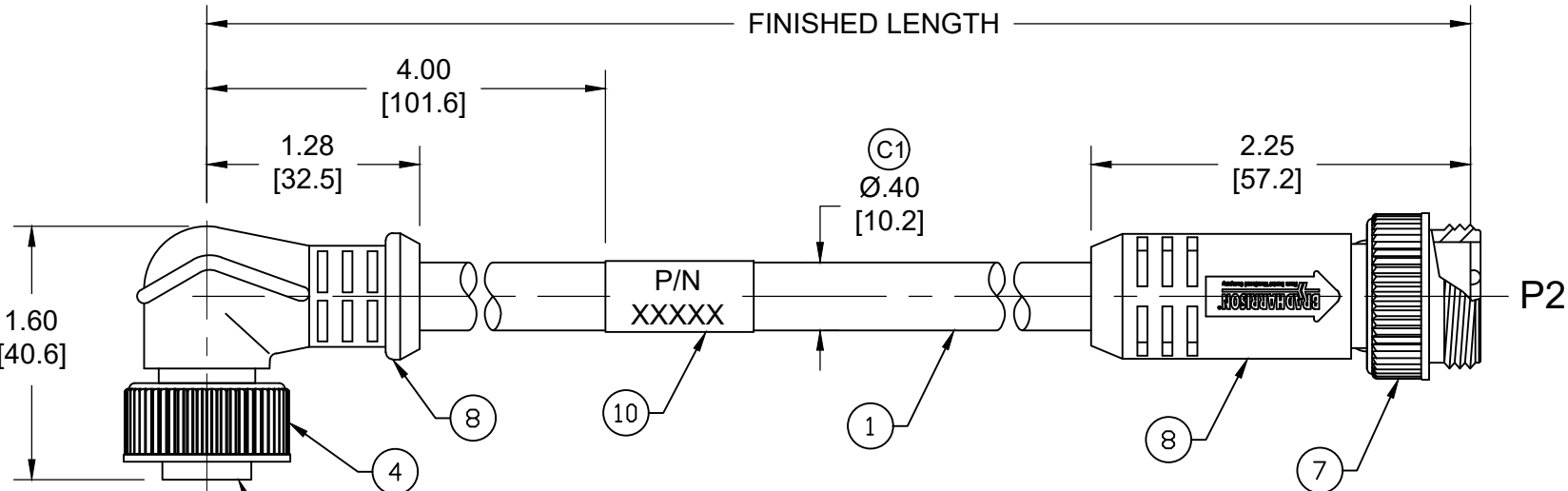


NOTES:

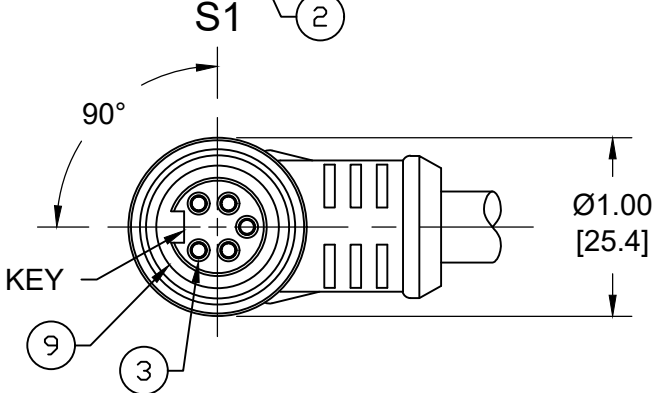
1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
VOLTAGE: 400V PER IEC60664
600V PER UL2238
CURRENT: 8A (C1)
4. TEMP RATING: -20°TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16 UN
7. UL LISTED FILE: E152210
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

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



MALE FACE VIEW



FEMALE FACE VIEW

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

PART NUMBER LEGEND

115031K13M005

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

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

FUNCTIONAL 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 STR - FEMALE 90DEG, SINGLE KEY, #16/5 AWG HI-FLEX PRODUCT CUSTOMER DRAWING							
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 709714 DRWN: ABENJAMINLW 2022/05/18 CHK'D: RSTONE 2022/06/08 APPR: BWOODMAN 2022/06/14										
	mm		INCH												
4 PLACES		±---- ±----													
3 PLACES		±---- ±----													
2 PLACES		±---- ±----													
DIVISIONAL SYMBOLS	1 PLACE		±---- ±----		INITIAL REVISION: DRWN: VOU 2012/02/17 APPR: JFMURPHY 2013/04/05			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	0 PLACES		±---- ±----					SD-130010-021		PSD	001	C1			
	ANGULAR TOL ± ---- °							MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE CHART		GENERAL MARKET	1 OF 1
										B-SIZE	130010				

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER SD-130010-021
DOC TYPE PSD
DOC PART 001
REVISION C1