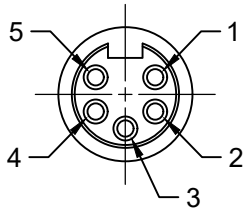


FRONT VIEW - FEMALE INSERT



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

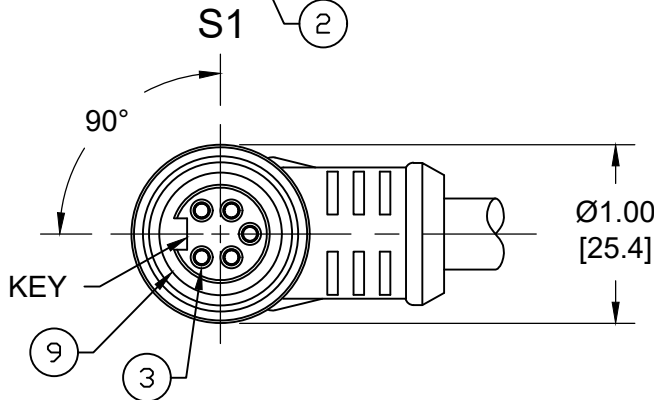
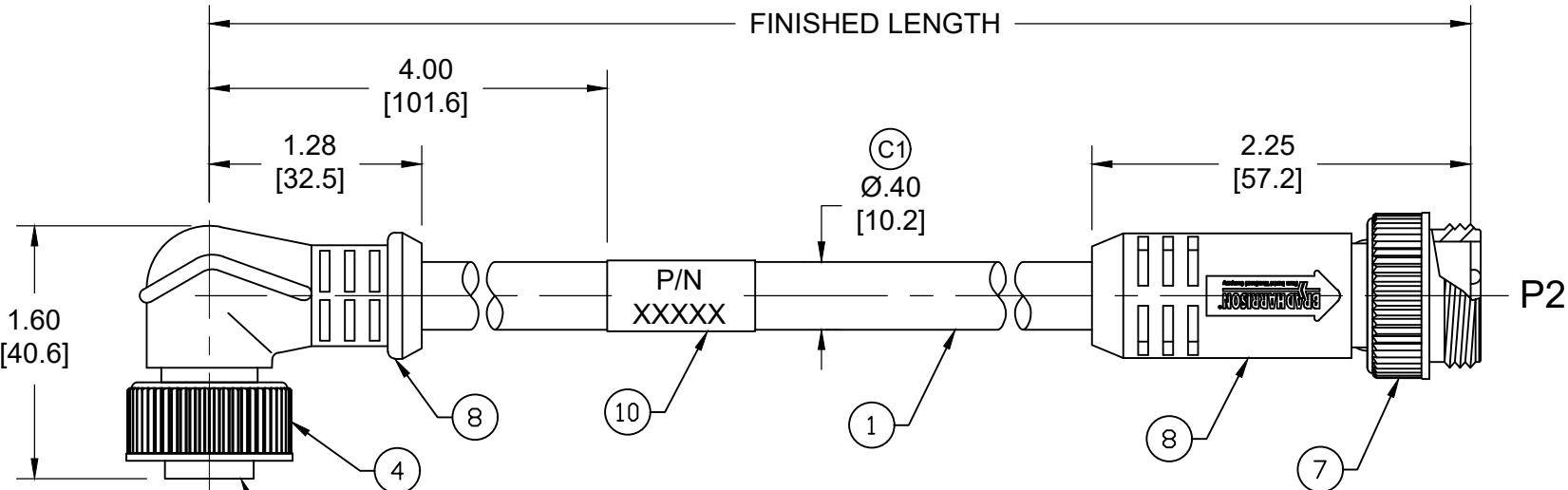
MECHANICAL CHARACTERISTICS:

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

10	WRAP LABEL	VINYL	BLACK/YELLOW	(C1)
9	FRICTION RING	NYLON	WHITE	(C1)
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	

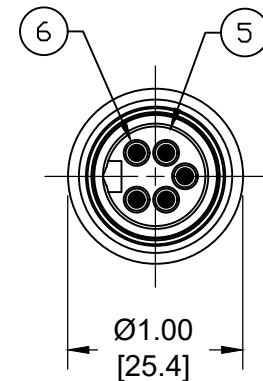
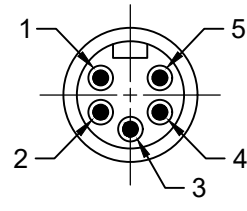
(C1)

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]



FEMALE FACE VIEW

FRONT VIEW - MALE INSERT



MALE 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		

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					
	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						PRODUCT CUSTOMER DRAWING		
	mm		INCH										
4 PLACES		± ---- ± ----											
3 PLACES		± ---- ± ----											
DIVISIONAL SYMBOLS	2 PLACES		± ---- ± ----		APPR: BWOODMAN 2022/06/14			DOCUMENT NUMBER SD-130010-021 DOC TYPE PSD DOC PART 001 REVISION C1					
	1 PLACE		± ---- ± ----		INITIAL REVISION:								
	0 PLACES		± ---- ± ----		DRWN: VOU 2012/02/17 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			