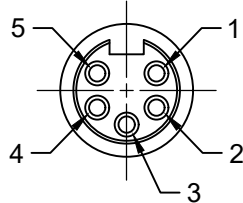
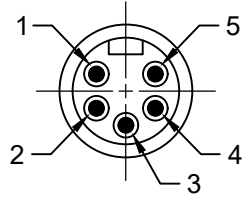


FRONT VIEW - FEMALE INSERT



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

FRONT VIEW - MALE INSERT



NOTES:

1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:

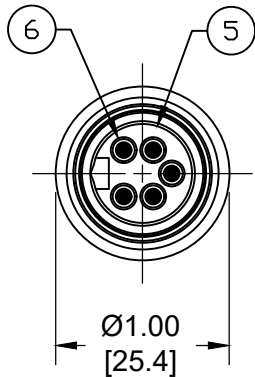
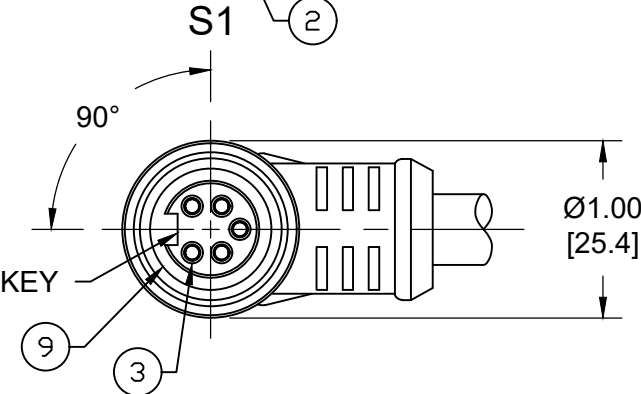
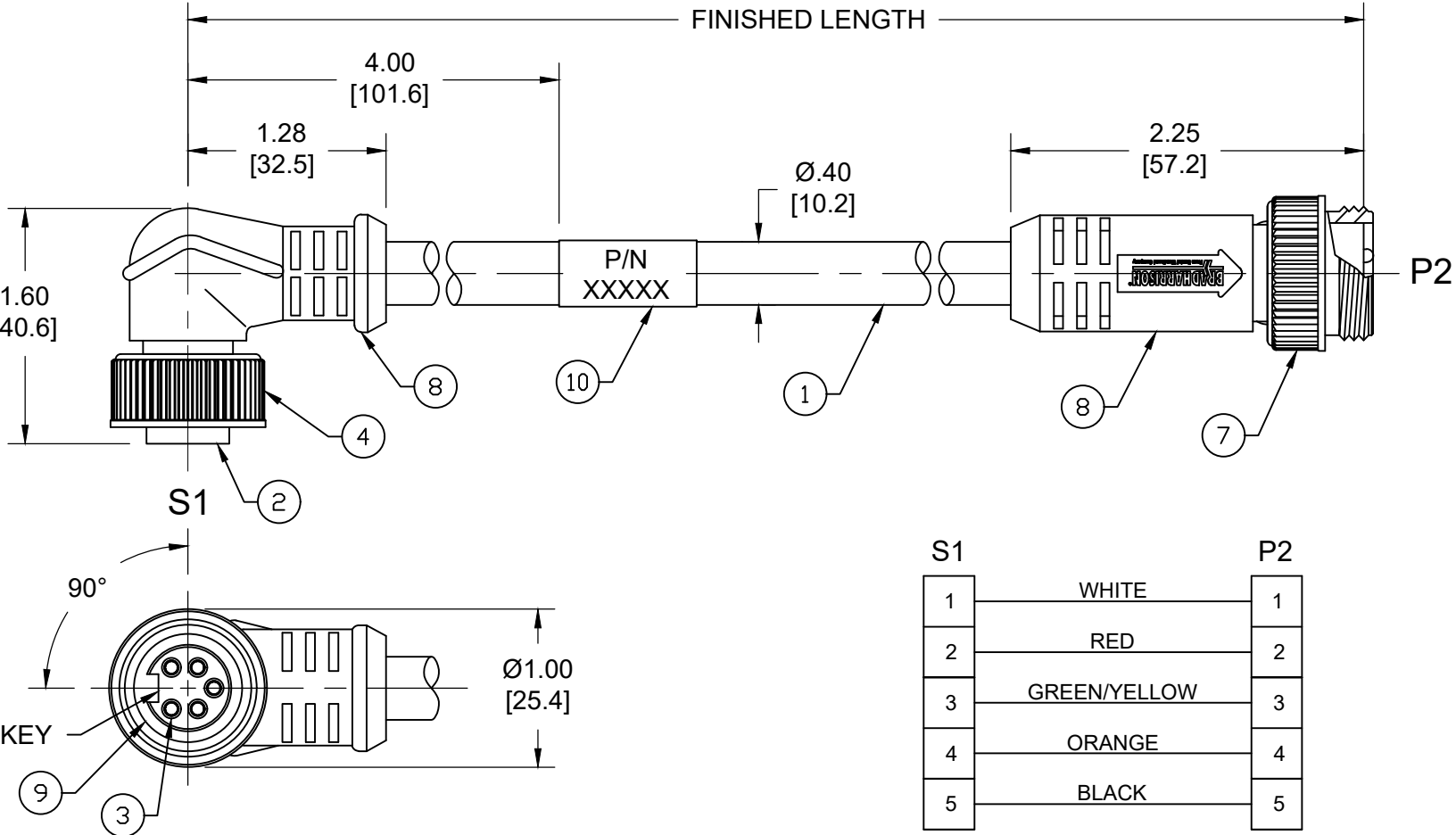
VOLTAGE: 400V PER IEC60664
600V PER UL2238

CURRENT: 8A
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
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



MALE FACE VIEW

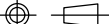
S1		P2
1	WHITE	1
2	RED	2
3	GREEN/YELLOW	3
4	ORANGE	4
5	BLACK	5

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

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: REMOVED OBSOLETE PART NUMBER AS PER PCN #517104		molex			
INCH/MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				MINI-CHANGE CORDSET, A-SIZE 5 POLE, MALE STR - FEMALE 90DEG, SINGLE KEY, #16/5 AWG HI-FLEX					
mm		INCH		PRODUCT CUSTOMER DRAWING					
4 PLACES		± ---- ± ----							
3 PLACES		± ---- ± ----		DOCUMENT NUMBER SD-130010-021					
2 PLACES		± ---- ± ----							
1 PLACE		± ---- ± ----		C2					
0 PLACES		± ---- ± ----							
ANGULAR TOL ± ---- °				APPR: JFMURPHY		2013/04/05			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						B-SIZE		130010	
						MATERIAL NUMBER		CUSTOMER	
						SEE CHART		GENERAL MARKET	
								SHEET NUMBER	
								1 OF 1	

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130010-021	PSD	001	C2

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/16	19:09:24
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