

9		8		7		6	
PART NO	ENGINEERING NO.	FINISHED LENGTH		POLES	CABLE DIA.		
1300100348	113020K13M010	1M [3 FT 3 IN]		3	.41[10.4]		
1300102036	115020K13M060	6M [19 FT 8 IN]		5	.4[10.2]		
1300101656	116020K13M990	99M [324 FT 10 IN]		6	.45[11.4]		

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
3 POLE: VOLTAGE: 500V PER IEC60664
600V PER UL2238
CURRENT: 13A
5 & 6 POLE: VOLTAGE: 400V PER IEC60664
600V PER UL2238
CURRENT: 8A - 6C
10A - 5C (B1)
4. TEMP RATING: -20°TO +90°C (B1)
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16 UN (B1)
7. UL LISTED PER FILE: E152210
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

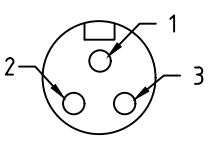
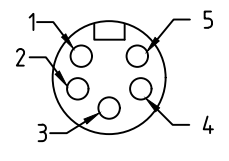
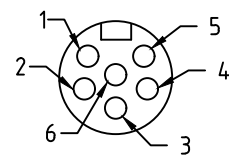
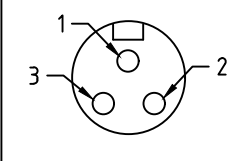
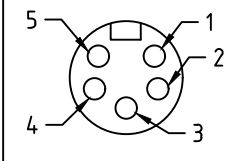
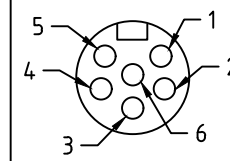
MECHANICAL CHARACTERISTICS:

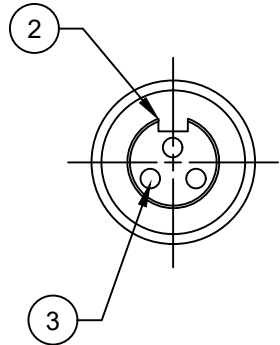
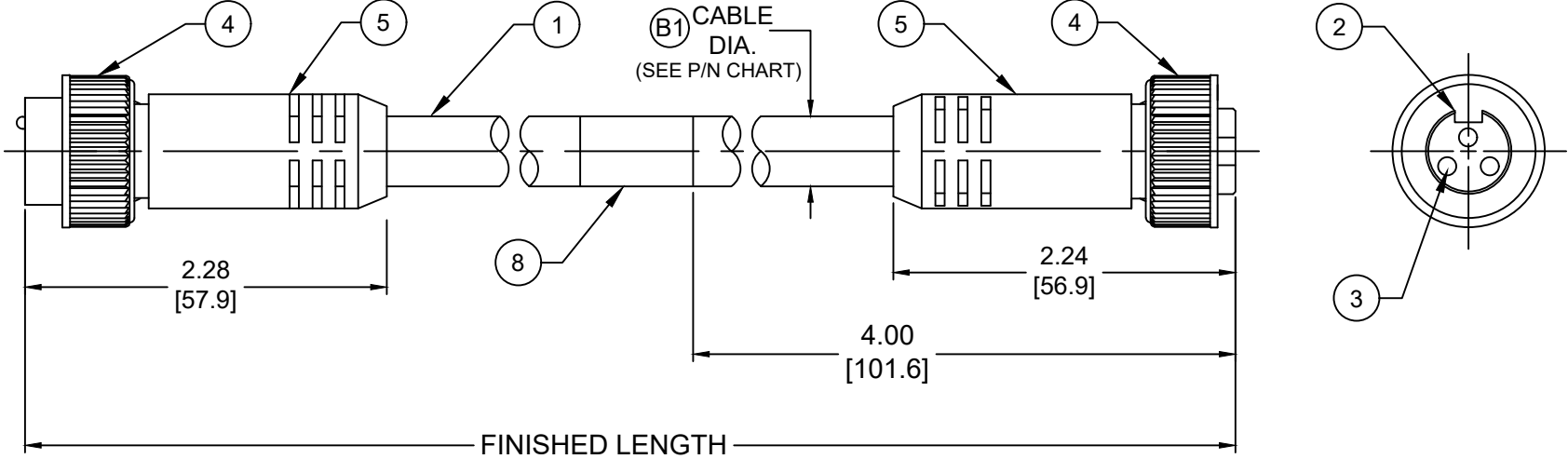
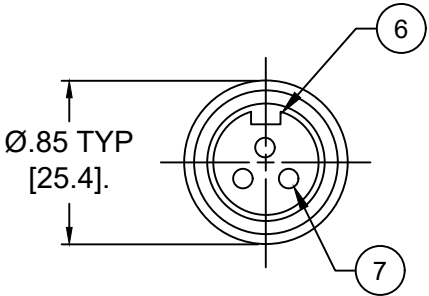
TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

8	WRAP LABEL	VINYL	BLACK/YELLOW
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	TPE	YELLOW
5	OVERMOLD	TPE	YELLOW
4	COUPLING	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, 16AWG, TPE, HI-FLEX	TPE JACKET	YELLOW
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/23	13:29:02
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FORMAT: IN/ACAD-It-prod-B
REVISION: B
DATE: 2020/01/14

FACE VIEW-MALE INSERT			FACE VIEW-FEMALE INSERT		
					
1 GREEN/YELLOW 2 BLACK 3 WHITE	1 WHITE 2 RED 3 GREEN/YELLOW 4 ORANGE 5 BLACK	1 WHITE 2 RED 3 GREEN/YELLOW 4 ORANGE 5 BLACK 6 BLUE	1 GREEN/YELLOW 2 BLACK 3 WHITE	1 WHITE 2 RED 3 GREEN/YELLOW 4 ORANGE 5 BLACK	1 WHITE 2 RED 3 GREEN/YELLOW 4 ORANGE 5 BLACK 6 BLUE



PART NO. MATRIX
113020K13M010
POLES (3,5,6)
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    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: UPDATED TEPM RATING & COUPLING THREAD. ADDED CABLE DIA. MODIFIED MATERIAL CHART.			molex							
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645633			MINI-CHANGE CORDSET, A SIZE, 3/5/6 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG HI-FLEX							
	mm		INCH												
	4 PLACES		± ----	± ----	DRWN: ABENJAMINLW			2020/09/21							
	3 PLACES		± ----	± ----	CHK'D: RSTONE			2020/09/29							
	2 PLACES		± ----	± ----	APPR: BWOODMAN			2020/10/23							
	1 PLACE		± ----	± ----	INITIAL REVISION:			DOCUMENT NUMBER							
	0 PLACES		± ----	± ----	DRWN: RSTONE						2016/11/30				
ANGULAR TOL ± ---- °		APPR: BWOODMAN			2016/10/20			SD-130010-036			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	