

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

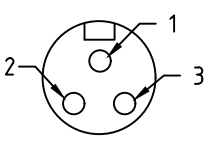
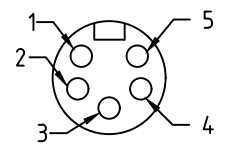
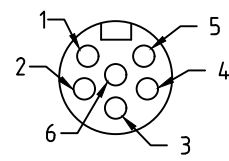
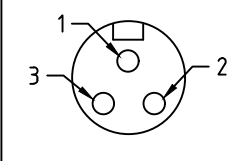
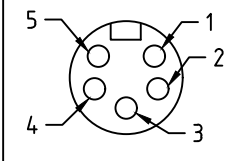
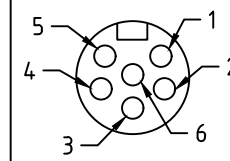
MECHANICAL CHARACTERISTICS:

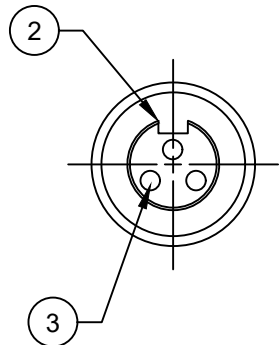
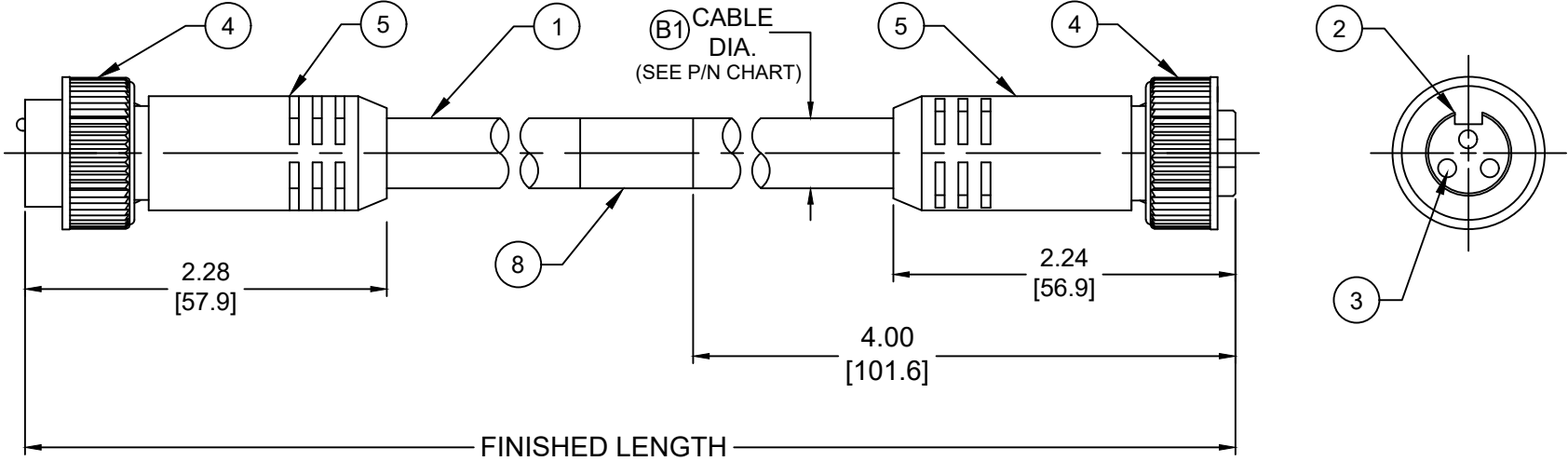
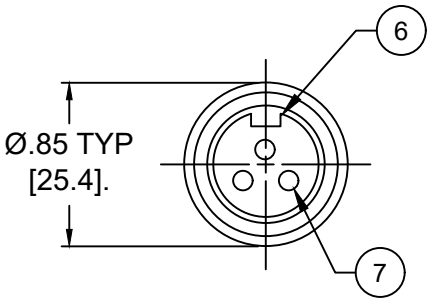
TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

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

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 F A =0 F E =0 F D =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: UPDATED TEPM RATING & COUPLING THREAD. ADDED CABLE DIA. MODIFIED MATERIAL CHART.			molex MINI-CHANGE CORDSET, A SIZE, 3/5/6 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG HI-FLEX							
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645633 DRWN: ABENJAMINLW 2020/09/21 CHK'D: RSTONE 2020/09/29 APPR: BWOODMAN 2020/10/23			PRODUCT CUSTOMER DRAWING							
	mm		INCH												
	4 PLACES		±----		±----		DOCUMENT NUMBER SD-130010-036 DOC TYPE PSD DOC PART 001 REVISION B1								
	3 PLACES		±----		±----										
	2 PLACES		±----		±----										
	1 PLACE		±----		±----										
	0 PLACES		±----		±----		INITIAL REVISION: DRWN: RSTONE 2016/11/30 APPR: BWOODMAN 2016/12/20								
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	