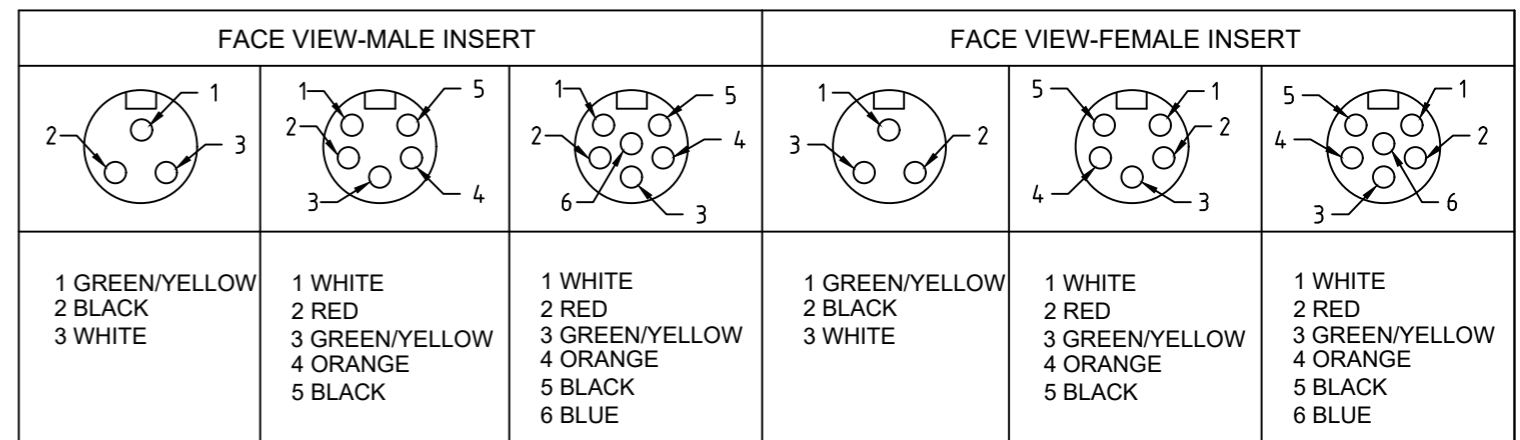
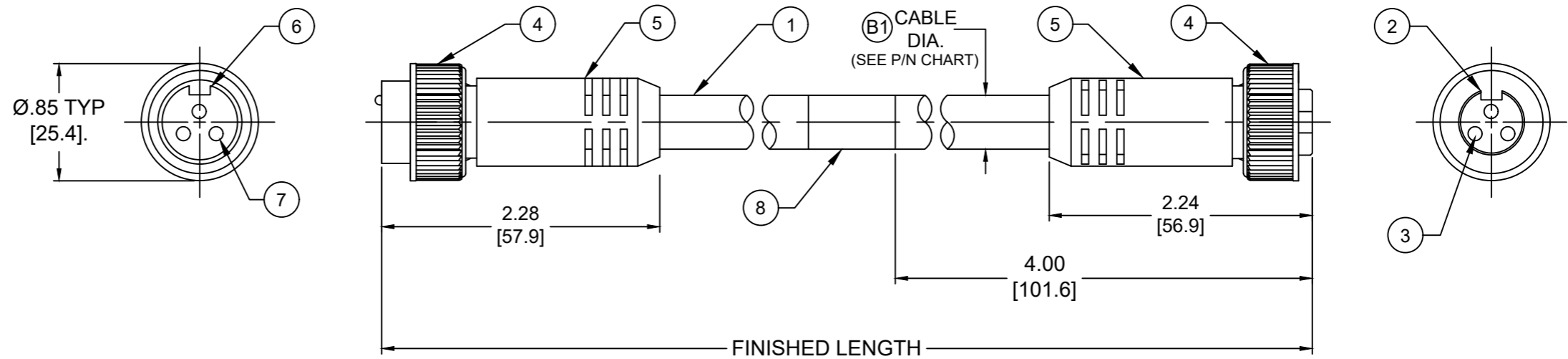


PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA. (B1)
1300100348	113020K13M010	1M [3 FT 3 IN]	3	.41[10.4]
1300102036	115020K13M060	6M [19 FT 8 IN]	5	.4[10.2]
1300101656	116020K13M990	99M [324 FT 10 IN]	6	.45[11.4]



- NOTES:
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - 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
 - TEMP RATING: -20°C TO +90°C (B1)
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: 7/8-16 UN (B1)
 - UL LISTED PER FILE: E152210
 - 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

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 [+1.75in-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

ITEM	COMPONENT	MATERIAL	FINISH
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

FUNCTIONAL SYMBOLS F=0 E=0 P=0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	CURRENT REV DESC: UPDATED TEMP RATING & COUPLING THREAD. ADDED CABLE DIA. MODIFIED MATERIAL CHART.							
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 645633 DRWN: ABENJAMINLW 2020/09/21 CHK'D: RSTONE 2020/09/29 APPR: BWOODMAN 2020/10/23					
	DIVISIONAL SYMBOLS		INITIAL REVISION: DRWN: RSTONE 2016/11/30 APPR: BWOODMAN 2016/12/20					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			B-SIZE	130010	SD-130010-036	PSD	001	B1
					SEE CHART	GENERAL MARKET		SHEET NUMBER 1 OF 1