

PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1300102036	115020K13M060	6M [19 FT 8 IN]	5	.4[10.2]
1300101656	116020K13M990	99M [324 FT 10 IN]	6	.45[11.4]

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

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

4. TEMP RATING: -20°TO +90°C

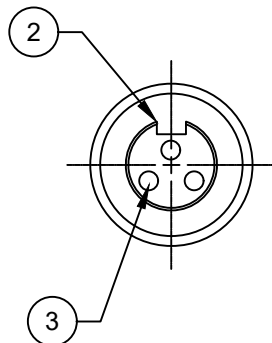
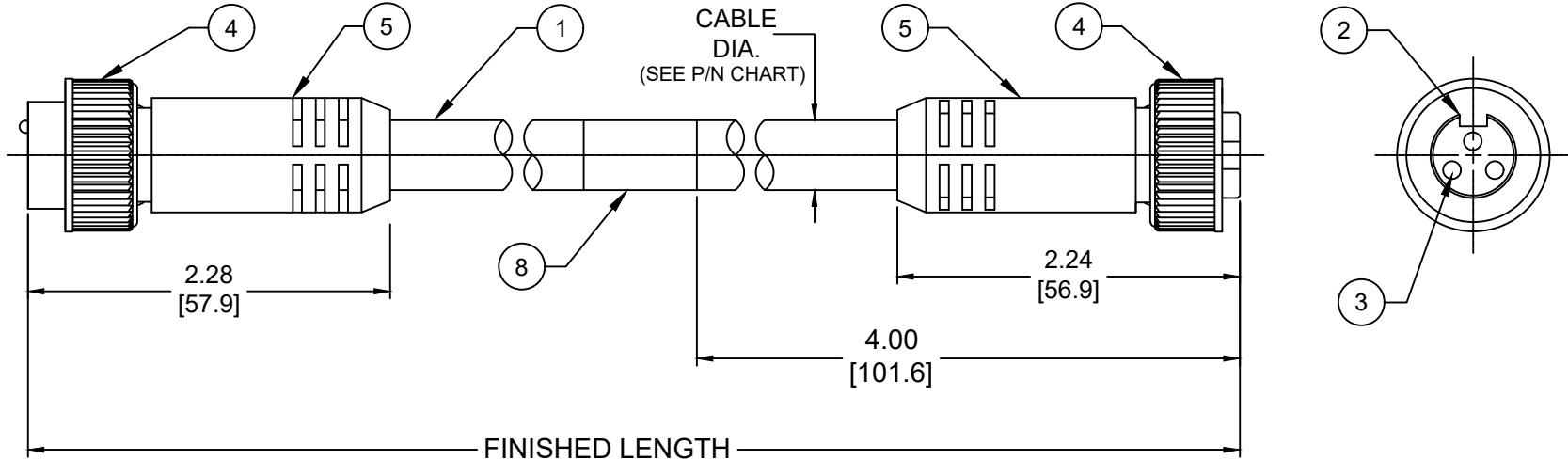
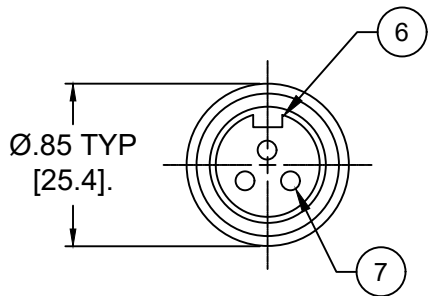
5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: 7/8-16 UN

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

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] $\pm 2\%$ 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 NUMBERS AS PER PCN#516685				molex									
INCH/MM		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 830097 DRWN: SANATK12025/07/29 CHK'D: GGA2025/08/06 APPR: GGA2025/08/06				MINI-CHANGE CORDSET, A SIZE, 3/5/6 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG HI-FLEX									
	mm	INCH															
4 PLACES	±----	±----															
3 PLACES	±----	±----															
2 PLACES	±----	±----															
1 PLACE	±----	±----															
0 PLACES	±----	±----															
ANGULAR TOL ± ---- °				INITIAL REVISION: DRWN: RSTONE2016/11/30 APPR: BWOODMAN2016/12/20				DOCUMENT NUMBER SD-130010-036				DOC TYPE PSD		DOC PART 001		REVISION B2	
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			