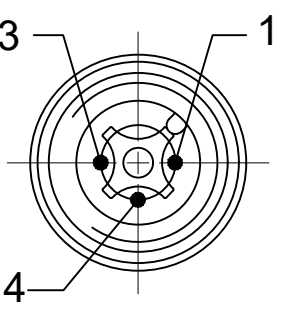
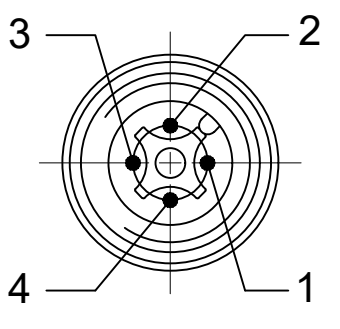
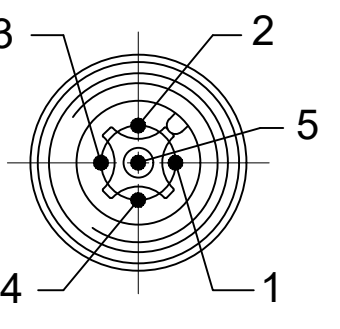
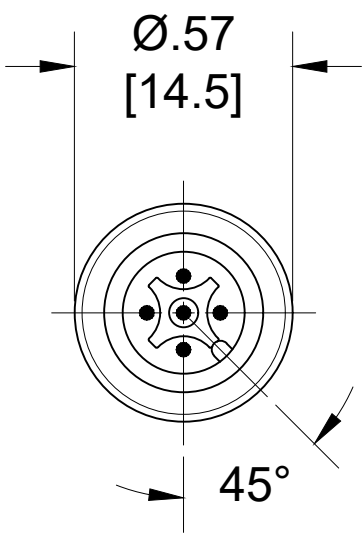
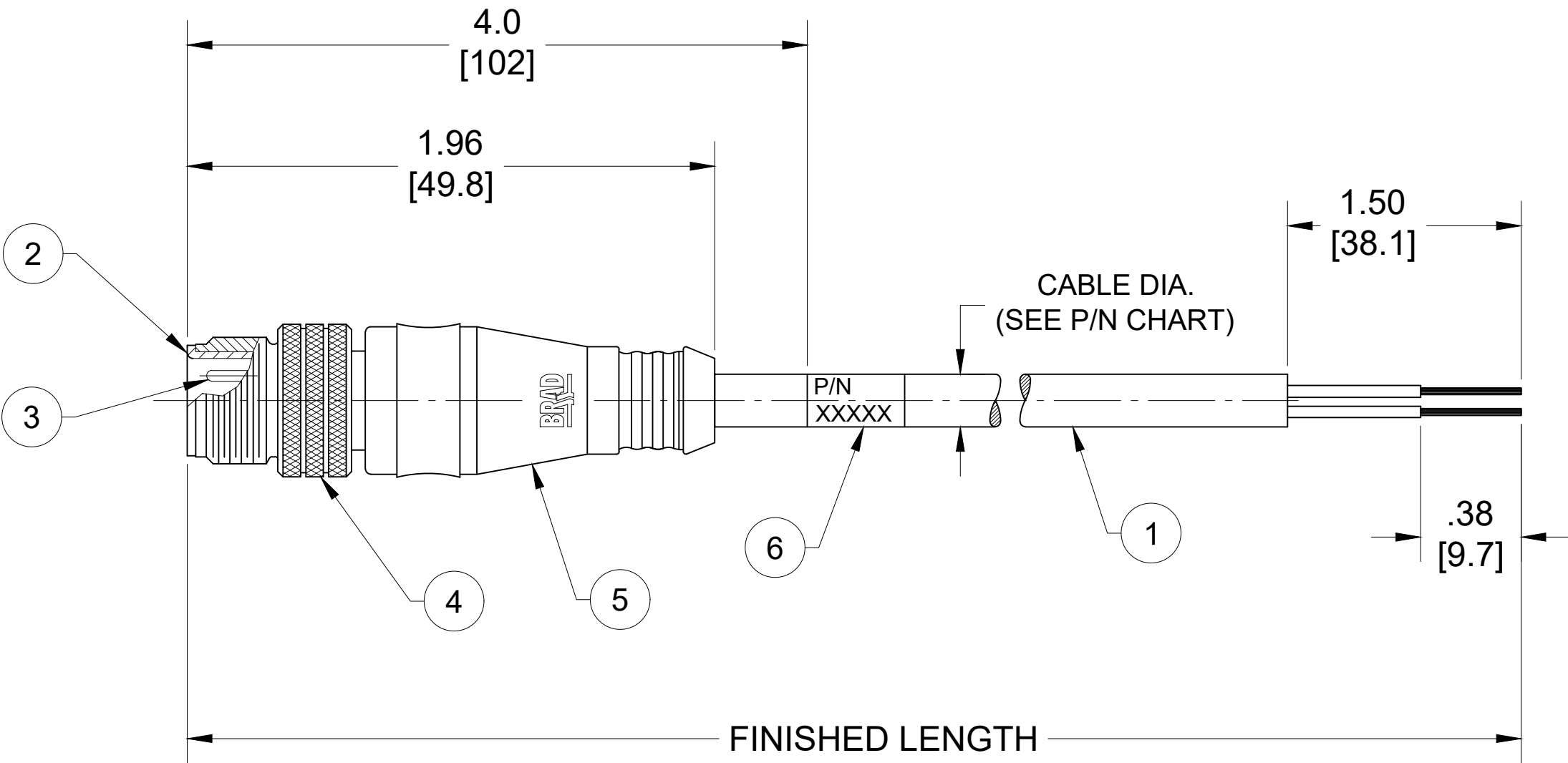


FACE VIEW - MALE INSERT		
3 POLE	4 POLE	5 POLE
		
1 BROWN 2 NOT USED 3 BLUE 4 BLACK 5 NOT USED	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 NOT USED	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GRAY

- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
 - 4. TEMP RATING: -20°TO +105°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. COUPLING THREAD: M12X1
 - 7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE



PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200651113	803006K05M006	0.6M [2FT]	3	.20 [5.1]
1200652049	804006K05M150	15M [49FT 2 IN]	4	.21 [5.3]
1200652470	805006K05M300	30M [98FT 5 IN]	5	.23 [5.8]



CABLE FLEX CHARACTERISTICS

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

6	WRAP LABEL	VINYL	BLACK/YELLOW
5	OVERMOLD	TPC	YELLOW
4	COUPLING NUT	BRASS	NICKEL PLATED
3	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
2	MALE INSERT	PUR	BLACK
1	#22 AWG CABLE	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/28 23:37:21
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PART NO. MATRIX
803006K05M006

POLES
(3, 4 & 5)

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	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: ITEM #6 WAS TPE. MODIFIED TEMP RATING & PN CHART			molex MICRO-CHANGE CORDSET, M12, 3-5 POLE, MALE, STRAIGHT, SINGLE KEY, #22 AWG TPE HI-FLEX							
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	F A =0														
F E =0															
F P =0															
DIVISIONAL SYMBOLS			mm	INCH	EC NO: 671333										
	4 PLACES		± ----	± ----	DRWN: ABENJAMINLW			2021/04/30							
	3 PLACES		± ----	± ----	CHK'D: RSTONE			2021/07/23							
	2 PLACES		± ----	± ----	APPR: BWOODMAN			2021/07/28							
	1 PLACE		± ----	± ----	INITIAL REVISION:										
	0 PLACES		± ----	± ----	DRWN: RSTONE			2018/11/01							
			ANGULAR TOL ± ---- °		APPR: BWOODMAN			2018/11/30							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		120065		SEE CHART		GENERAL MARKET		1 OF 1	