

FEMALE FACE VIEW		
3 POLE	4 POLE	5 POLE
WIRING DIAGRAM		
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GRAY

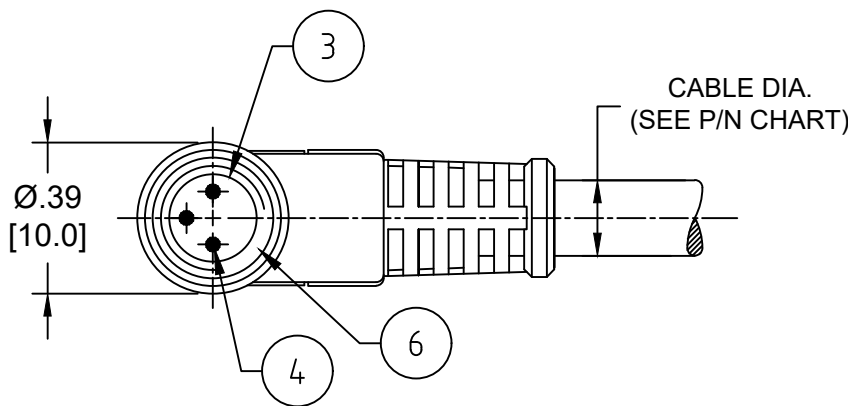
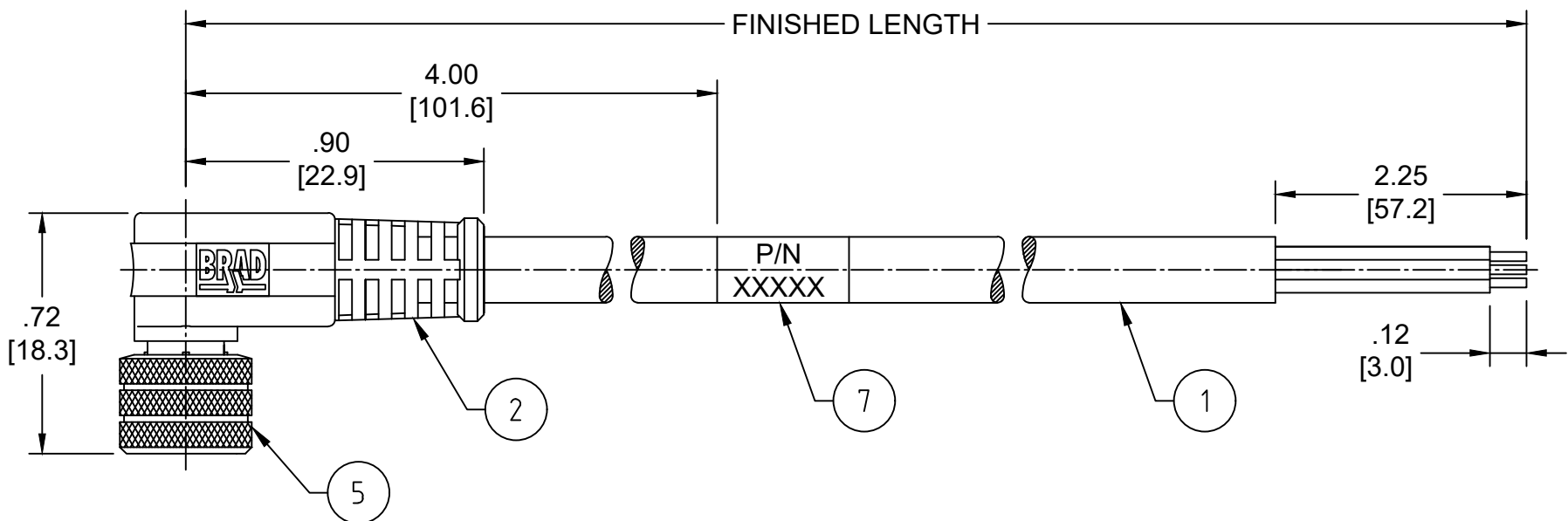
NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE - 3P & 4P: 60V/AC 75V/DC
5P: 30V/AC 36V/DC
CURRENT - 3P & 4P: 4A
5P: 3A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M8 X 1
7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

7	WRAP LABEL	VINYL	BLACK/WHITE
6	O-RING	VITON	RED
5	COUPLING NUT	BRASS	NICKEL PLATED
4	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
3	INSERT	PUR	BLACK
2	OVERMOLD	TPC	YELLOW
1	#24/3-5 CABLE	PVC	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2024/04/11	15:35:51
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PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200860118	403001A10M010	1M [3FT 3 IN]	3	.17 [4.3]
1200860178	404001A10M050	5M [16FT 5 IN]	4	.18 [4.6]
1200890092	405001A10M100	10M [32FT 10 IN]	5	.20 [5.1]



PART NUMBER LEGEND

403001A10M010

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 E_A=0 E_C=0 E_F=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: NEW RELEASE				molex								
	INCH/MM		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 782840 DRWN: ABENJAMINLW 2022/07/01 CHK'D: PDODDAMANEMY 2024/04/11 APPR: BWOODMAN 2024/04/11								
		mm	INCH														
	4 PLACES		±----	±----	NANO-CHANGE CORDSET, M8 3-5 POLE, FEMALE 90DEG, #24 AWG PVC CABLE												
	3 PLACES		±----	±----													
	2 PLACES		±----	±----													
	1 PLACE		±----	±----													
	0 PLACES		±----	±----	PRODUCT CUSTOMER DRAWING												
ANGULAR TOL ± ---- °																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120086		1200860118		PSD		000		A	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE CHART		GENERAL MARKET		1 OF 1			