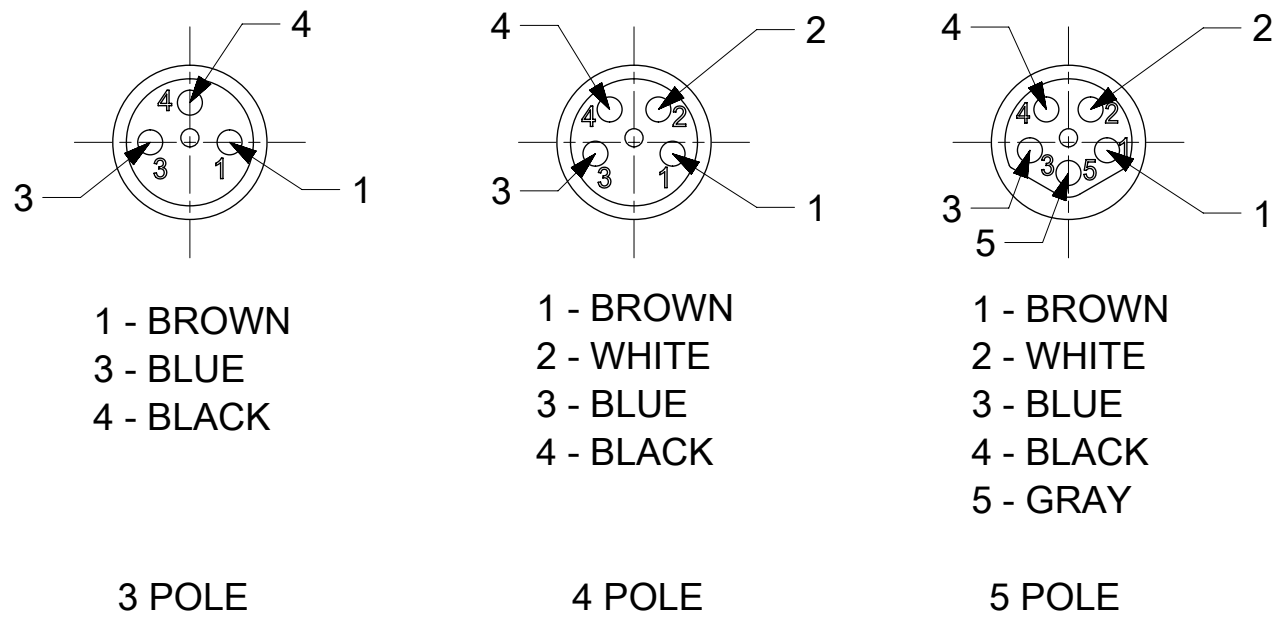


12 11 10 9 8 7 6 5 4 3 2 1

FEMALE FACE VIEWS



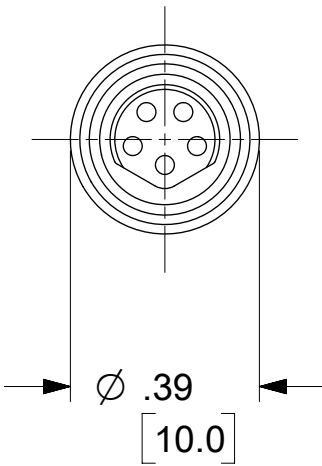
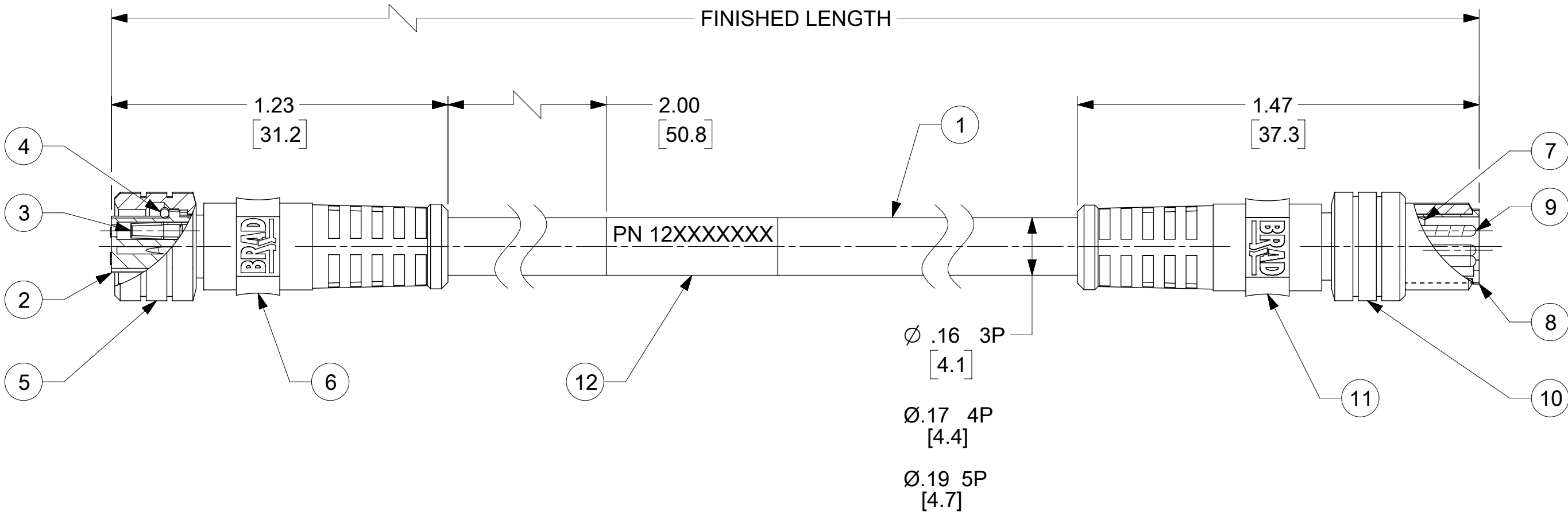
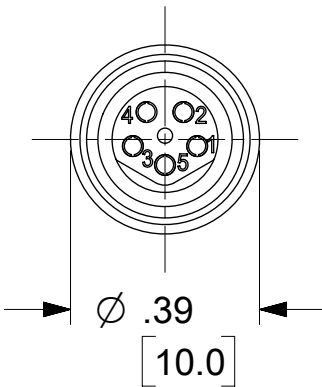
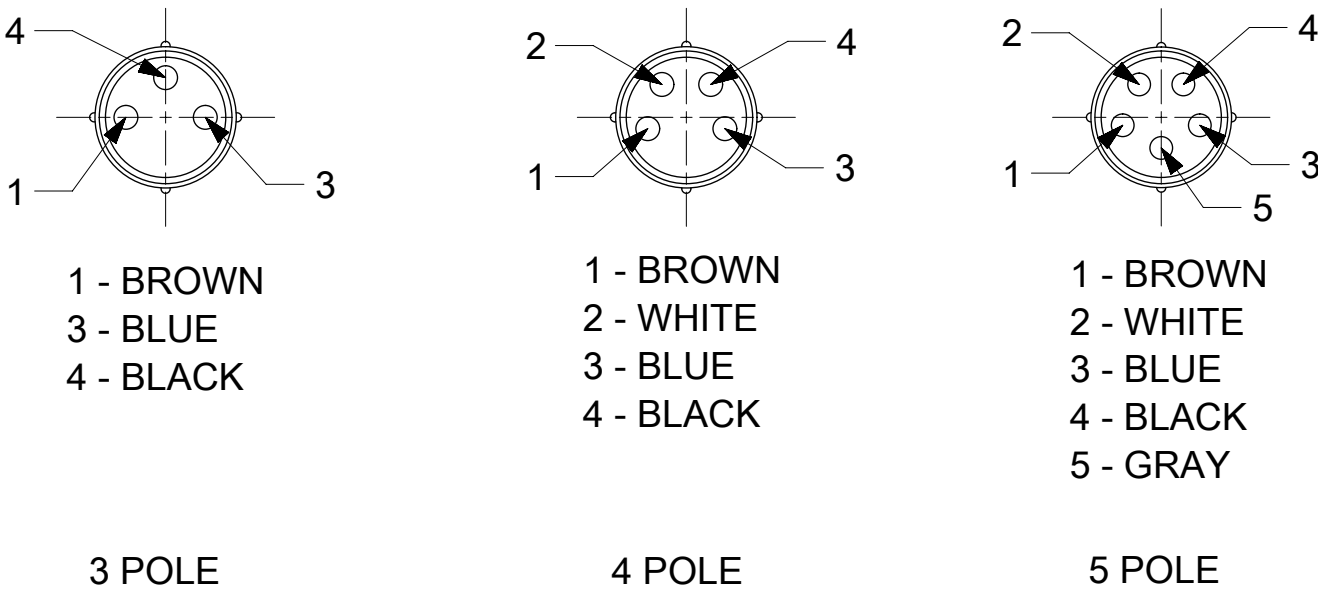
443030H08M030

POLES: 3, 4 & 5

LENGTH
M001 = .1 METERS
M010 = 1.0 METERS
M100 = 10 METERS

PART NUMBER LEGEND

MALE FACE VIEWS



12	FLAG LABEL	VINYL	BLACK/YELLOW
11	OVERMOLD	TPC	YELLOW
10	COUPLING, MALE	BRASS	NICKEL PLATED
9	CONTACT PIN	Cu ALLOY	GOLD PLATED.
8	SLEEVE	BRASS	NICKEL PLATE
7	INSERT, MALE	PUR	BLACK
6	OVERMOLD, FEMALE	TPC	YELLOW
5	COUPLING, FEMALE	BRASS	NICKET PLATED
4	O-RING	FKM	RED
3	CONTACT SOCKET	CuALLOY	GOLD PLATED
2	INSERT, FEMALE	PUR	BLACK
1	CABLE, 24AWG [.25mm²]	PUR JACKET	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 60VAC, 75VDC 3 & 4 POLE
VOLTAGE: 30VAC, 36VDC 5 POLE
CURRENT: 3A: 3, 4 & 5 POLE
 4. TEMP RATING: -40°TO +80°C (STATIC)
-25°TO +80°C (FLEX)
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: M8 X 1.0
 7. UL LISTED FILE E152210, CSA FILE: LR6837
 8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 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: INITIAL RELEASE				molex				
	INCH/MM		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 760287 DRWN: RSTONE 2023/08/18 CHK'D: ALEON01 2023/08/22 APPR: BWOODMAN 2023/08/22 INITIAL REVISION: DRWN: R. STONE 2023/08/18 APPR: B. WOODMAN ---				M8 DOUBLE END MALE/FEMALE 24AWG [.25MM²], PUR JACKET - H08				
	MM		INCH										
	4 PLACES ±		±										
	3 PLACES ±		±										
	2 PLACES ±		±										
	1 PLACE ±		±										
	0 PLACES ±		±										
ANGULAR TOL ± °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		120087		SEE P/N LEGEND		GENERAL MARKET		1 OF 1	

molex			
M8 DOUBLE END MALE/FEMALE 24AWG [.25MM²], PUR JACKET - H08			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200870016	PSD	000	A
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE P/N LEGEND	GENERAL MARKET	1 OF 1	

12 11 10 9 8 7 6 5 4 3 2 1

10

9

8

7

6

5

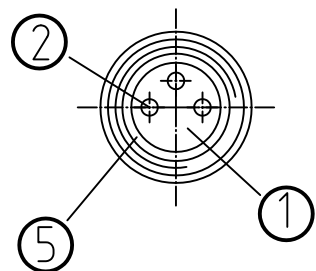
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3

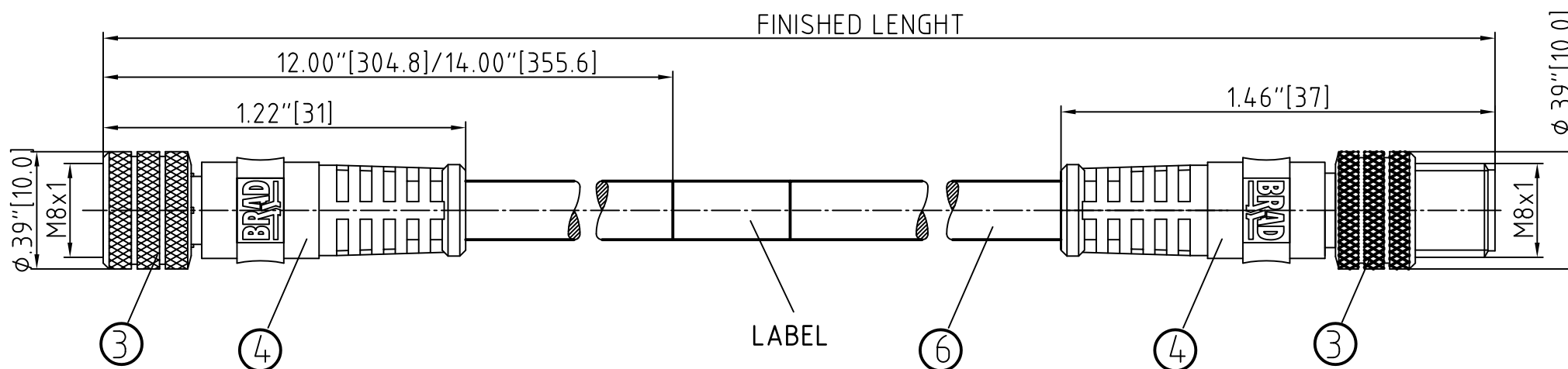
2

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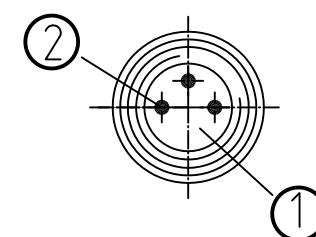
FACE VIEW



FINISHED LENGHT



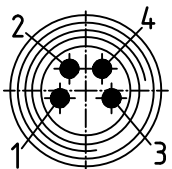
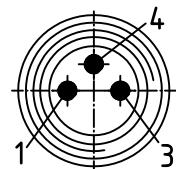
FACE VIEW



MALE FACE VIEW

3-POLE

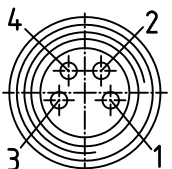
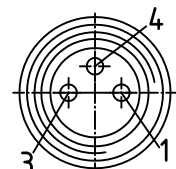
4-POLE



FEMALE FACE VIEW

3-POLE

4-POLE

1 BROWN
3 BLUE
4 BLACK1 BROWN
2 WHITE
3 BLUE
4 BLACK

POLE	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGHT IN/MM
3	1200870018	443030B09M006	1.97' +1.75" -0 [0.6M +44.5 -0]
3	1200870021	443030B09M020	6.56' +3.50" -0 [2.0M +88.9 -0]
3	1200870023	443030B09M050	16.40' +6.50" -0 [5.0M +165.1 -0]

CONNECTOR SPECIFICATION:

VOLTAGE RATING	3-4POL:60V/AC 75V/DC
AMPERAGE RATING	3 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-25°C TO +80°C
UL CERTIFICATIONS	UL listed, File #E152210
CSA CERTIFICATIONS	CSA CERTIFIED, File LR6837

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE (PUR)	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLING NUT	BRASS	NICKEL PLATED
4	OVERMOLD	TPE	YELLOW
5	O-RING	VITON	
6	CABLE- 24 AWG, (COPPER STRANDING) 3/4 CONDUCT. 300V	JACKET: PUR	YELLOW

DESCRIPTION EC NO: WEU2010-0326 DRWN: REISSNER 2010/02/03 CHKD: FP APPR: FPACHER 2010/02/05		DESCRIPTION	QUALITY SYMBOLS ▽ = 0 ∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY REISSNER	DATE 2010/02/03	NC 3/4P M/MFE XM ST/ST AWG 24 PUR ----		
				4 PLACES	±---	±---	CHECKED BY FP	DATE 2010/02/03			
				3 PLACES	±---	±---	APPROVED BY FPACHER	DATE 2010/02/05			
				2 PLACES	±---	±.01	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-120087-014	SHEET NO. 1	
1		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			