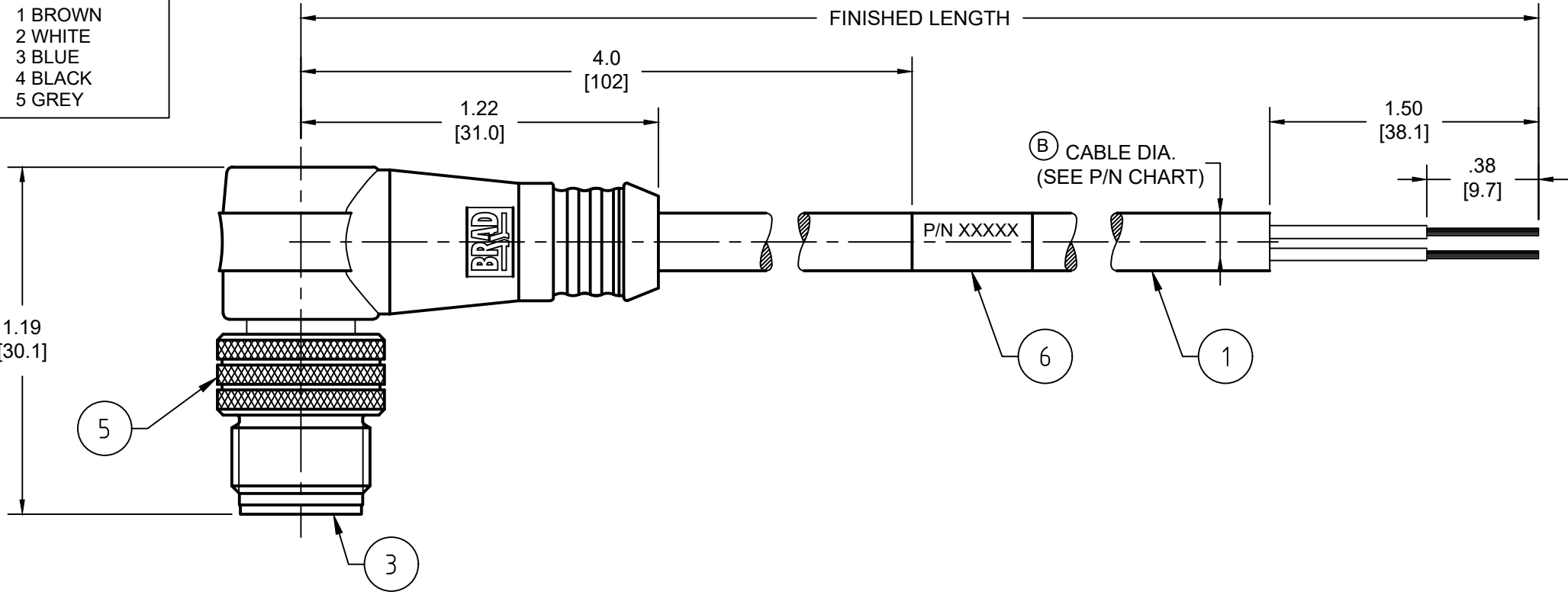
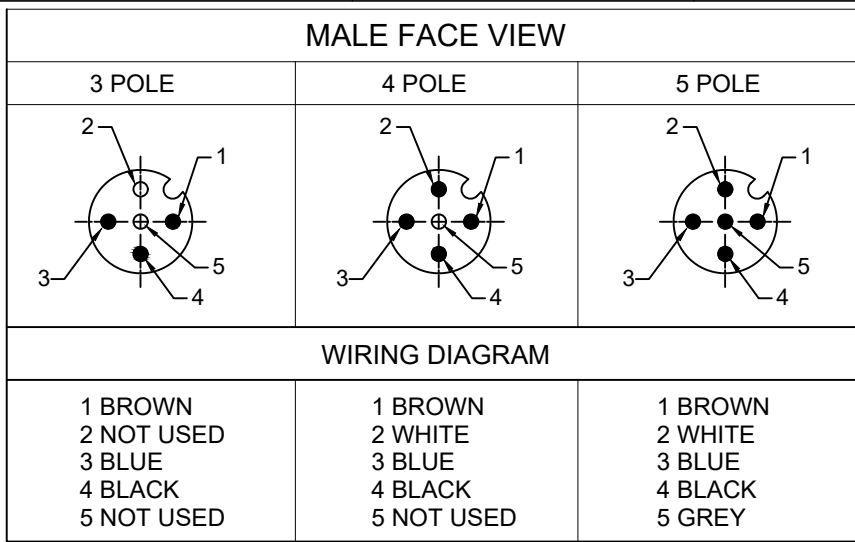




NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 250VAC/VDC

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 ②

8. ALL DIMENSIONS ARE FOR REFERENCE

UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. MATRIX

803007A09M020

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

6	LABEL	VINYL	BLACK/YELLOW
5	COUPLER	BRASS	NICKEL PLATED
4	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	PUR	BLACK
2	OVERMOLD	PUR	YELLOW
1	#22/3-5 CABLE	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS P1 RELEASE DATE 2021/07/14 21:16:10

FUNCTIONAL SYMBOLS $\nabla_A=0$ $\nabla_C=0$ $\nabla_P=0$	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: MODIFIED MATERIAL FOR ITEM 3 & 6. ADDED CSA, CABLE DIA & TOL CHART. MODIFIED PN CHART & INSERT FACE VIEWS			molex MICRO-CHANGE CORDSET, M12, 3-5 POLE, MALE 90DEG, SINGLE KEY, #22 AWG YELLOW PVC PRODUCT CUSTOMER DRAWING								
	INCH/MM		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 669893 DRWN: ABENJAMINLW 2021/04/22 CHK'D: RSTONE 2021/07/12 APPR: BWOODMAN 2021/07/14 INITIAL REVISION: DRWN: LSTEMMLE 2010/01/13 APPR: NSTAUDIG 2010/01/25						DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
		mm	INCH								SD-120065-029			PSD	001	B
4 PLACES	±----	±----														
3 PLACES	±----	±----														
2 PLACES	±----	±----														
DIVISIONAL SYMBOLS	1 PLACE	±----	±----													
	0 PLACES	±----	±----													
	ANGULAR TOL ± ---- °															
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
							A3-SIZE	120065	SEE CHART		GENERAL MARKET		1 OF 1			