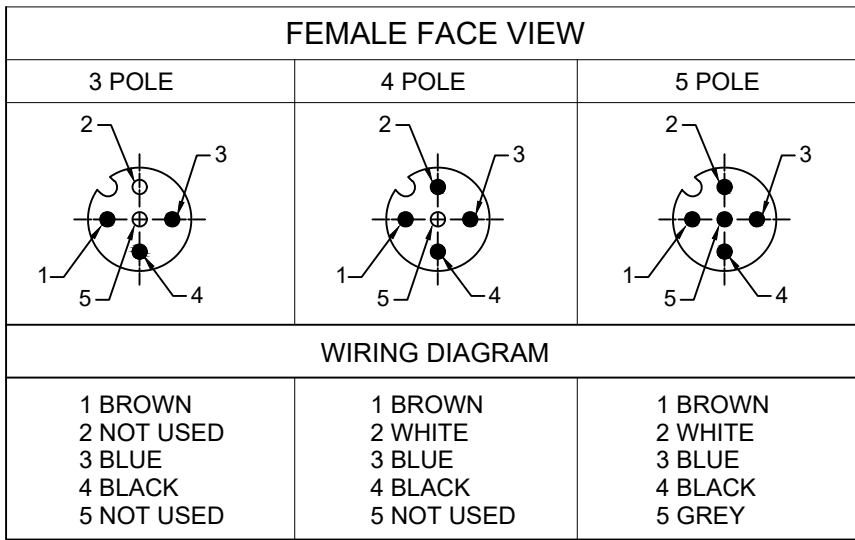
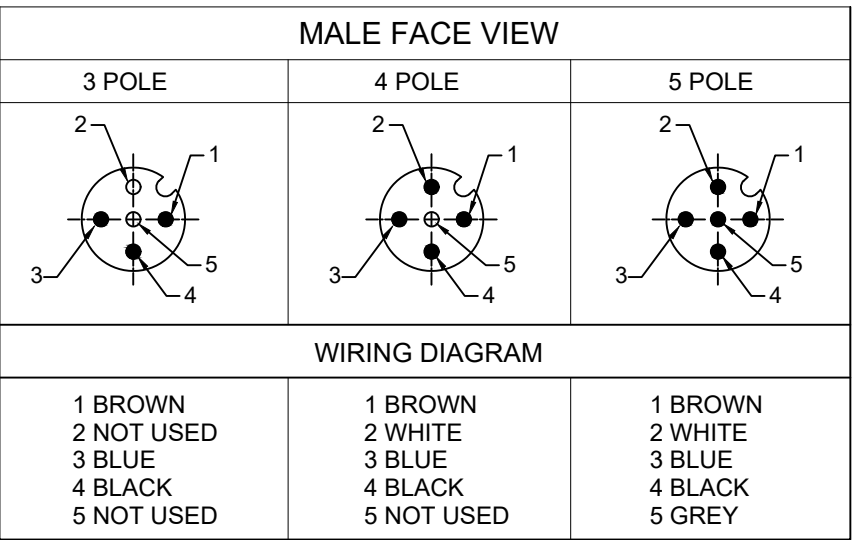




PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200661137	883031A09M010	1M [3FT 3 IN]	3	.20/5.1
1200661396	885031A09M100	10M [32FT 9 IN]	5	.22/5.6



NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A

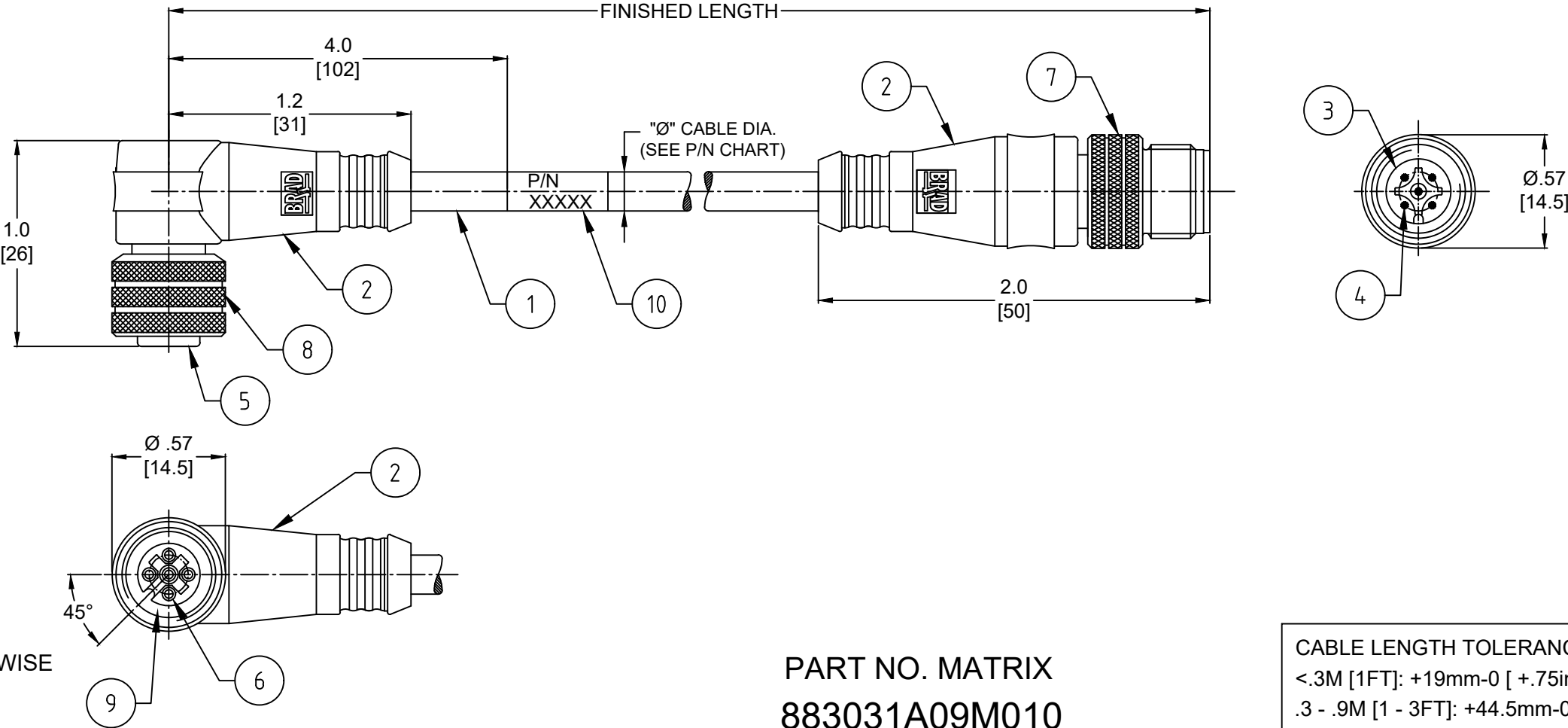
4. TEMP RATING: -20°TO +105°C

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



10	LABEL	VINYL	BLACK/YELLOW
9	O-RING	VITON	RED
8	FEMALE COUPLING NUT	BRASS	NICKEL PLATED
7	MALE COUPLING NUT	BRASS	NICKEL PLATED
6	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
5	INSERT (FEMALE)	PUR	BLACK
4	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT (MALE)	PUR	BLACK
2	OVERMOLD	PUR	YELLOW
1	CABLE 22/3-5 AWG	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

PART NO. MATRIX

883031A09M010

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

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: SANATK1 2025/07/28 CHK'D: GGA 2025/08/06 APPR: GGA 2025/08/06				MICRO-CHANGE CORDSET, M12, 3-5 POLE, FEMALE 90DEG - MALE STRAIGHT, SINGLE KEY, #22 AWG					
		mm	INCH										
4 PLACES		±----	±----										
3 PLACES		±----	±0.005										
2 PLACES		±0.13	±0.01										
1 PLACE		±0.25	±0.02	INITIAL REVISION:				PRODUCT CUSTOMER DRAWING					
0 PLACES		±----	±----	DRWN: LSTEMMLE 2010/01/25 APPR: NSTAUDIG 2010/01/29									
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DRAWING		SD-120066-013		PSD	001	B1	
				A3-SIZE		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						120066		SEE CHART		GENERAL MARKET		1 OF 1	