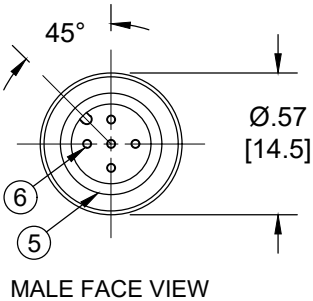
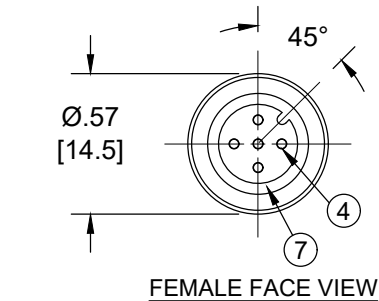
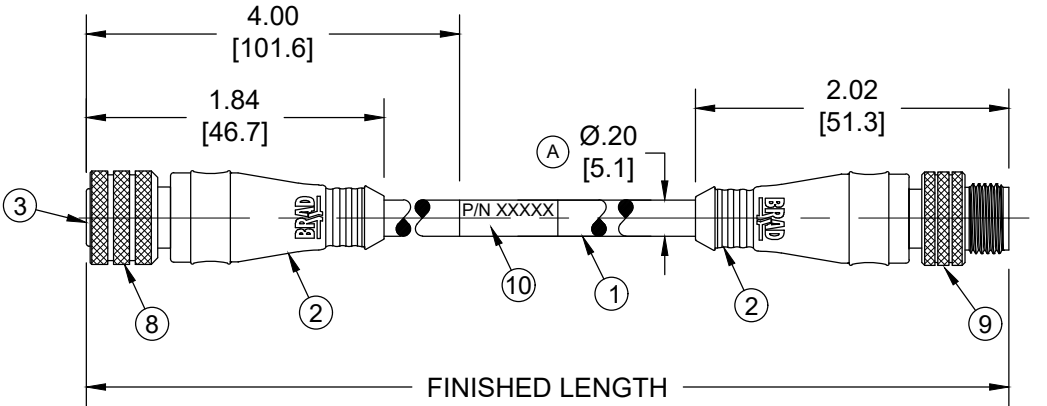
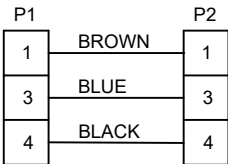


MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200660162	883030A09M003	0.3M [1FT]
1200660188	883030A09M100	10M [32FT 10 IN]
1200661606	883030A09M250	25M [82FT]



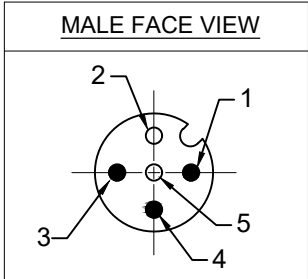
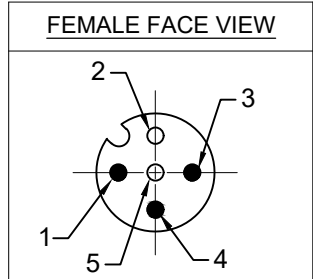
PART NO. MATRIX
883030A09M003

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER



WIRING DIAGRAM

CABLE LENGTH TOLERANCES	
<.3M [1FT]:	+19mm-0 [+1.75in-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



NOTES:

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE: 250 VAC/VDC
CURRENT: 4A
- TEMP RATING: -20°TO +105°C
- PROTECTION: IP67 (WHEN MATED)
- COUPLING THREAD: M12X1
- UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

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

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/14	21:16:11
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
FUNCTIONAL SYMBOLS $\overline{F_A}=0$ $\overline{F_E}=0$ $\overline{F_P}=0$		DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM 3 & 5 WERE NYLON & ITEM #10 WAS MYLAR. ADDED UL & CSA IN NOTES. ADDED CABLE DIA & TOL CHART. MODIFIED PN TABLE					molex MICRO-CHANGE CORDSET, M12, 3 POLE, FEMALE-MALE, STRAIGHT, SINGLE KEY, #22/5 AWG											
		INCH/MM													NTS							
		GENERAL TOLERANCES (UNLESS SPECIFIED)																				
		mm		INCH																		
DIVISIONAL SYMBOLS		4 PLACES		±----		±----		EC NO: 669893					PRODUCT CUSTOMER DRAWING									
		3 PLACES		±----		±----		DRWN: ABENJAMINLW 2021/02/26														
		2 PLACES		±----		±----		CHK'D: RSTONE 2021/07/12														
		1 PLACE		±----		±----		APPR: BWOODMAN 2021/07/14														
		0 PLACES		±----		±----		INITIAL REVISION:														
		ANGULAR TOL ± ---- °						DRWN: LSTEMMLE 2010/01/25														
								APPR: NSTAUDIG 2010/01/29					DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
													SD-120066-010				PSD		001		A	