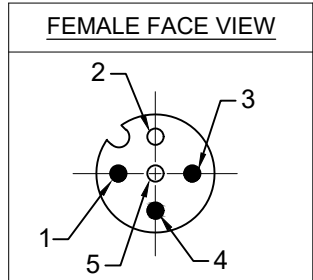


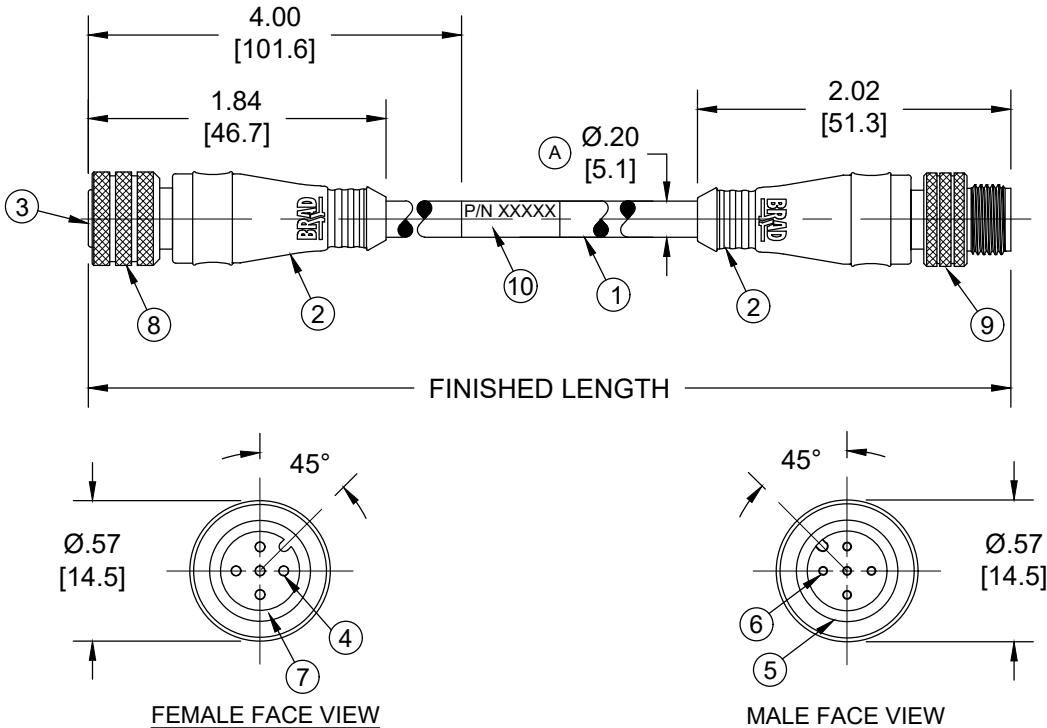
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200660162	883030A09M003	0.3M [1FT]
1200660188	883030A09M100	10M [32FT 10 IN]
1200661606	883030A09M250	25M [82FT]



- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 250 VAC/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
 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

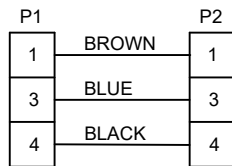
10	WRAP LABEL	VINYL	BLACK/YELLOW
9	MALE COUPLING NUT	BRASS	NICKEL PLATED
8	FEMALE COUPLING NUT	BRASS	NICKEL PLATED
7	O-RING	VITON	RED
6	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
5	MALE INSERT	PUR	BLACK
4	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	FEMALE INSERT	PUR	BLACK
2	OVERMOLD	PUR	YELLOW
1	#22/5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

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/14	21:16:11
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PART NO. MATRIX
883030A09M003

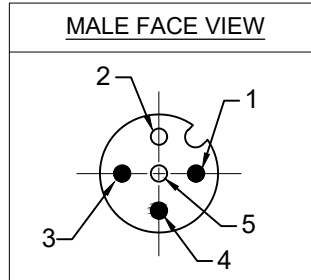
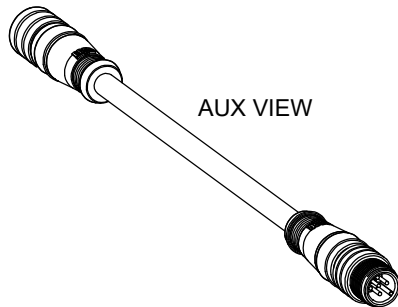
FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER



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

FUNCTIONAL SYMBOLS									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		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							
DIMENSION UNITS		SCALE							
INCH/MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		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	
		A-SIZE		120066		SEE CHART		GENERAL MARKET	
SHEET NUMBER									
1 OF 1									



molex			
MICRO-CHANGE CORDSET, M12, 3 POLE, FEMALE-MALE, STRAIGHT, SINGLE KEY, #22/5 AWG			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120066-010	PSD	001	A
MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
SEE CHART	GENERAL MARKET		1 OF 1