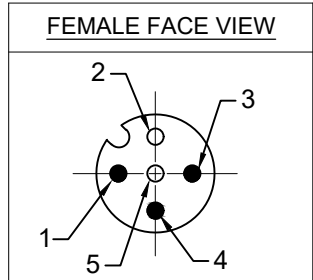


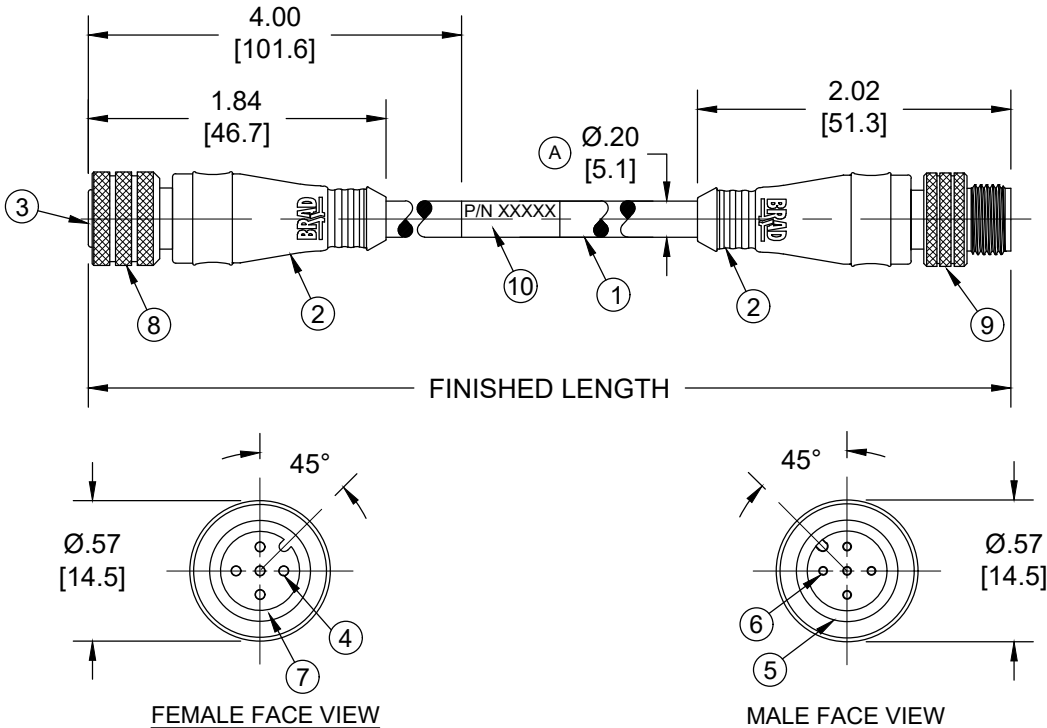
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200660162	883030A09M003	0.3M [1FT]
1200660188	883030A09M100	10M [32FT 10 IN]
1200661606	883030A09M250	25M [82FT]



- 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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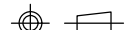
PART NO. MATRIX
883030A09M003

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

P1		P2
1	BROWN	1
3	BLUE	3
4	BLACK	4

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS	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			<div>molex</div> <div>MICRO-CHANGE CORDSET, M12, 3 POLE, FEMALE-MALE, STRAIGHT, SINGLE KEY, #22/5 AWG</div>							
	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										
DIVISIONAL SYMBOLS	0 PLACES		±----	±----	INITIAL REVISION:			DOCUMENT NUMBER SD-120066-010							
	ANGULAR TOL		±	----	°	DRWN: LSTEMMLE 2010/01/25									
						APPR: NSTAUDIG 2010/01/29									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A-SIZE		120066		SEE CHART		GENERAL MARKET		1 OF 1	