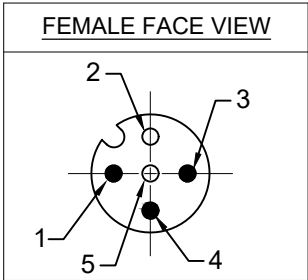
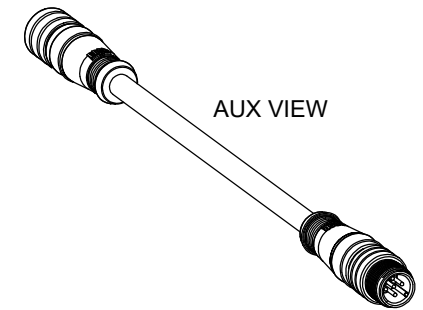


MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200660162	883030A09M003	0.3M [1FT]
1200660188	883030A09M100	10M [32FT 10 IN]

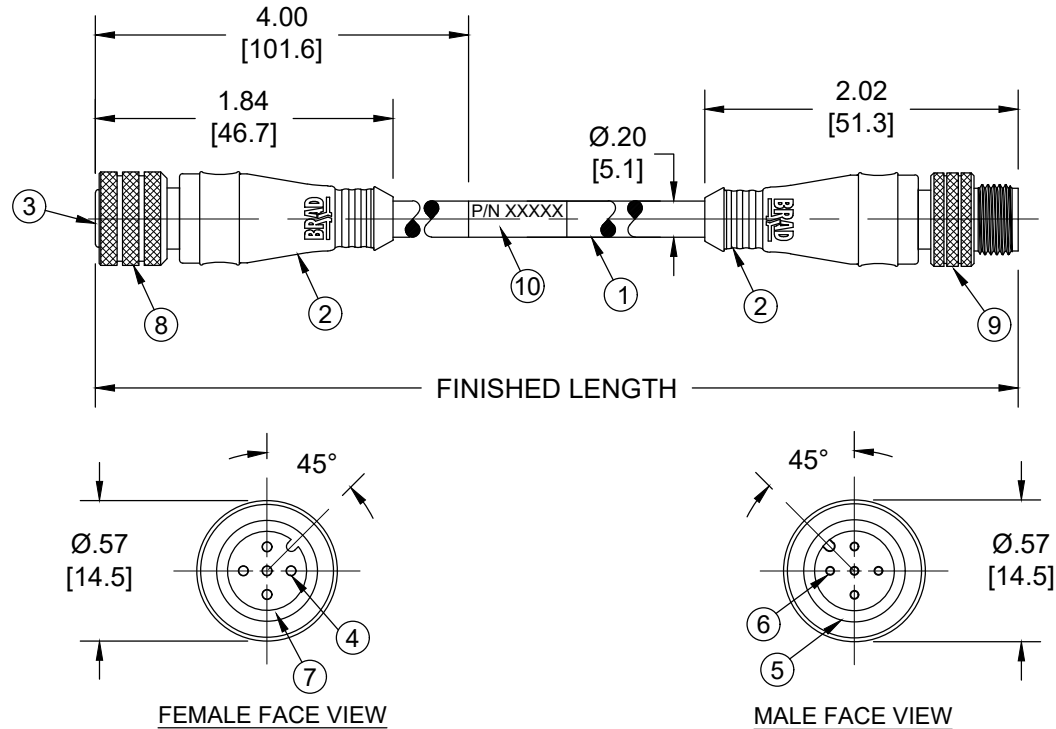


- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 250 VAC/VDC
CURRENT: 4A
 4. TEMP RATING: -20°TO +105°C
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: M12X1
 7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED 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	2025/08/06	10:03:24
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FORMAT: R/CAD-B-prod-A
REVISION: B
DATE: 2020/01/14



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 [+ .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													
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516685			molex MICRO-CHANGE CORDSET, M12, 3 POLE, FEMALE-MALE, STRAIGHT, SINGLE KEY, #22/5 AWG						
	INCH/MM		NTS											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	mm		INCH		EC NO: 830097 DRWN: SANATK12025/07/25 CHK'D: GGA2025/08/06 APPR: GGA2025/08/06			PRODUCT CUSTOMER DRAWING						
	4 PLACES		± ---- ± ----											
	3 PLACES		± ---- ± ----		INITIAL REVISION: DRWN: LSTEMMLE2010/01/25 APPR: NSTAUDIG2010/01/29			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	2 PLACES		± ---- ± ----					SD-120066-010		PSD	001	A1		
	1 PLACE		± ---- ± ----		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
	0 PLACES		± ---- ± ----						A-SIZE	120066	SEE CHART	GENERAL MARKET		1 OF 1
	ANGULAR TOL ± ---- °													

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	A1