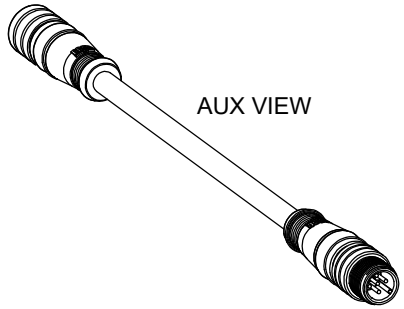
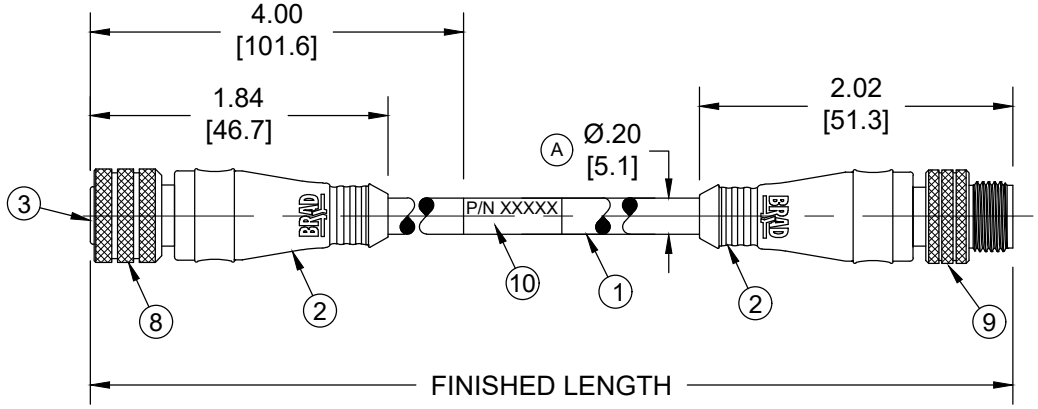
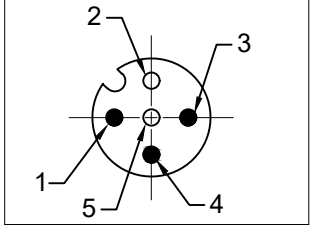
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200660162	883030A09M003	0.3M [1FT]
1200660188	883030A09M100	10M [32FT 10 IN]
1200661606	883030A09M250	25M [82FT]

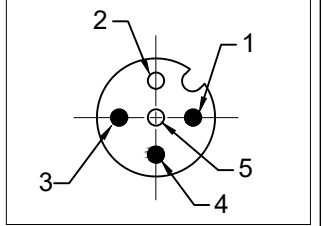


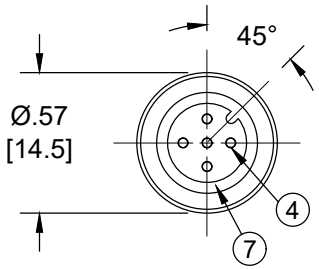


FEMALE FACE VIEW

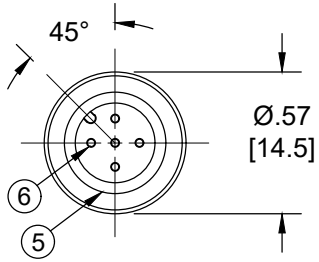


MALE FACE VIEW





FEMALE FACE VIEW



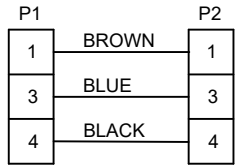
MALE FACE VIEW

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 (A)
 CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE
 UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. MATRIX

883030A09M003

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



WIRING DIAGRAM

(A)

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

ITEM	DESCRIPTION	MATERIAL	FINISH	
10	WRAP LABEL	VINYL	BLACK/YELLOW	(A)
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	(A)
4	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL	
3	FEMALE INSERT	PUR	BLACK	(A)
2	OVERMOLD	PUR	YELLOW	
1	#22/5 CABLE	PVC JACKET	YELLOW	

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/14 21:16:11

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: 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

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

EC NO: 669893

DRWN:	ABENJAMINLW	2021/02/26
CHK'D:	RSTONE	2021/07/12
APPR:	BWOODMAN	2021/07/14

INITIAL REVISION:

DRWN:	LSTEMMLE	2010/01/25
APPR:	NSTAUDIG	2010/01/29

THIRD ANGLE PROJECTION | DRAWING: A-SIZE | SERIES: 120066

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

FORMAT: IN-ACAD-tb-prod-A
REVISION: B
DATE: 2020/01/14