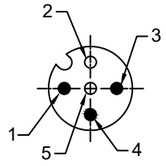
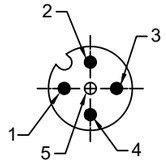
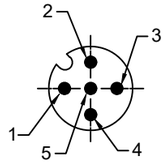
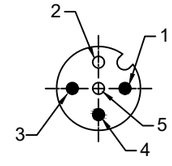
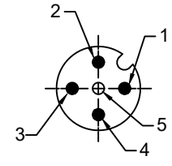
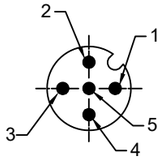
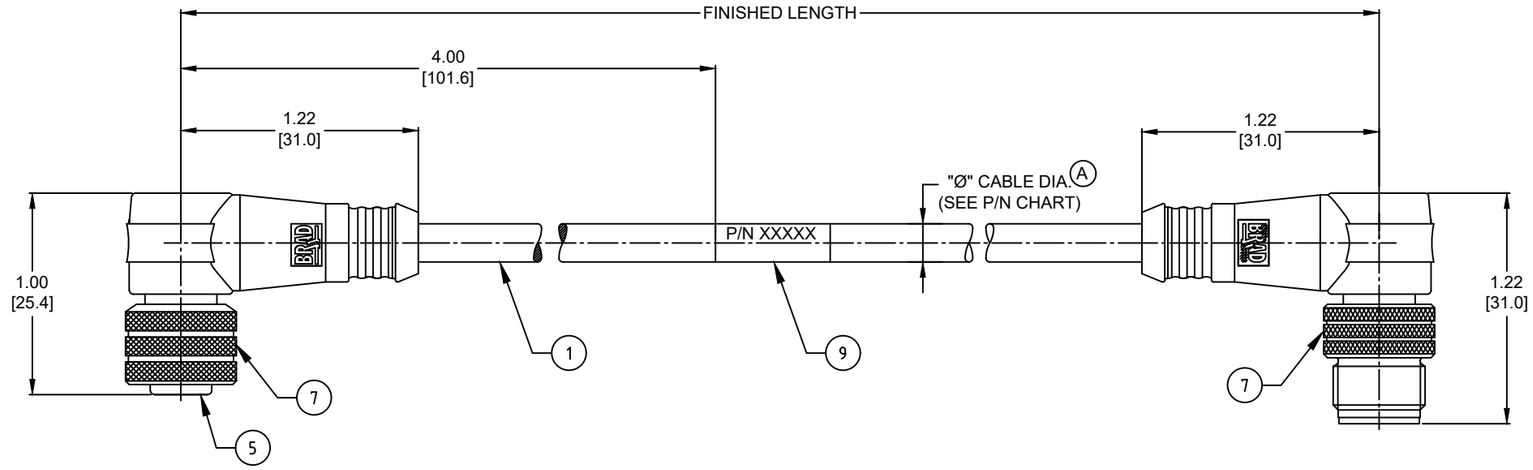
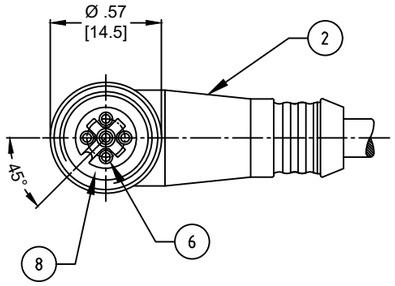
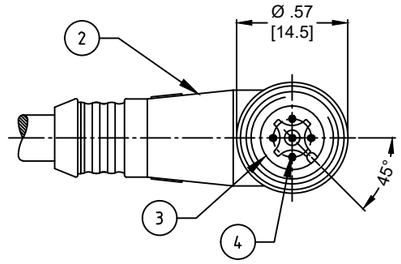
FEMALE FACE VIEW		
3 POLE	4 POLE	5 POLE
		
WIRING DIAGRAM		
1 BROWN 2 NOT USED 3 BLUE 4 BLACK 5 NOT USED	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 NOT USED	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY

PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA. (A)
1200661199	883033A09M010	1M [3FT 3 IN]	3	.20/5.1
1200661336	884033A09M010	1M [3FT 3 IN]	4	.21/5.3
1200661634	885033A09M010	1M [3FT 3 IN]	5	.21/5.3

MALE FACE VIEW		
3 POLE	4 POLE	5 POLE
		
WIRING DIAGRAM		
1 BROWN 2 NOT USED 3 BLUE 4 BLACK 5 NOT USED	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 NOT USED	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY







NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 250V
   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 (A)
8. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. MATRIX

885033A09M100

POLES (3, 4 & 5)

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

PRE-RELEASE REFERENCE USE ONLY

(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	
9	LABEL	VINYL	BLACK/YELLOW	
8	O-RING	VITON	RED	
7	COUPLER	BRASS	NICKEL PLATED	
6	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL	
5	INSERT (FEMALE)	TPU	BLACK	(A)
4	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL	
3	INSERT (MALE)	PUR	BLACK	(A)
2	OVERMOLD	PUR	YELLOW	
1	CABLE 22/3-5 AWG	PVC JACKET	YELLOW	

DOCUMENT STATUS	RV	RELEASE DATE	2021/06/10 17:13:49

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	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

CURRENT REV DESC: ITEM# 3 & 5 WERE NYLON. ADDED CABLE DIA & TOL CHART. MODIFIED INSERTS FACE VIEWS & MATERIAL CHART

EC NO:	666551	
DRWN:	ABENJAMINLW	2021/03/01
CHK'D:	RSTONE	2021/06/10
APPR:	----	----
INITIAL REVISION:		
DRWN:	LSTEMMLE	2010/02/03
APPR:	FPACHER	2010/02/04

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120066

molex

MICRO-CHANGE CORDSET, M12, 3/4/5 POLE, FE 90/MA 90, SINGLE KEY, 22 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120066-028	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1