

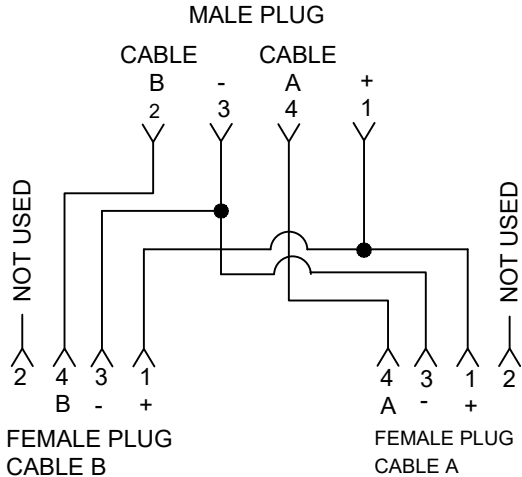
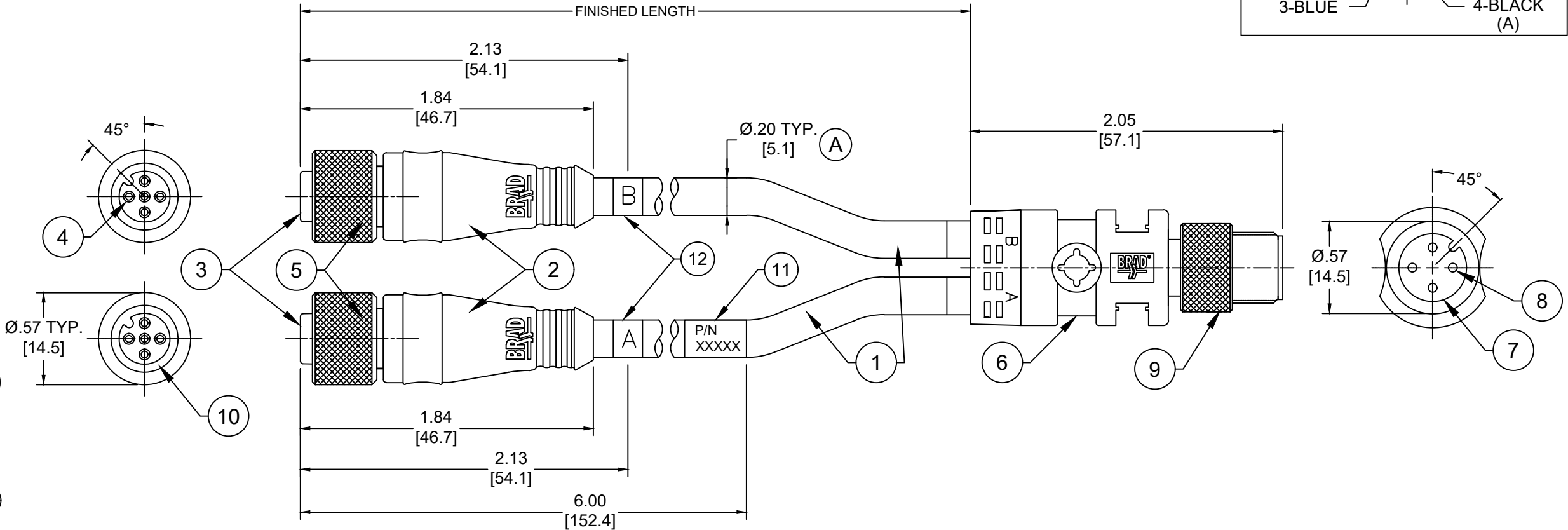
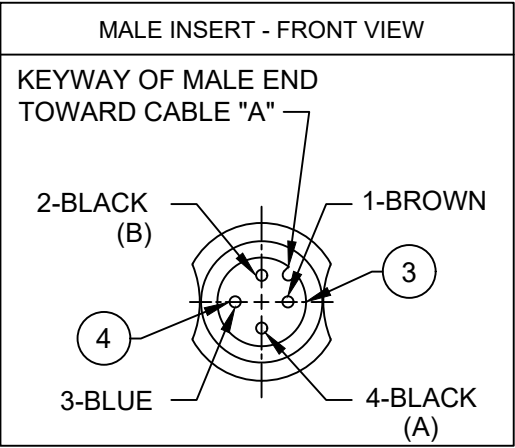
- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 250V (A)
CURRENT: 4A (A)
 4. TEMP RATING: -20°TO +105°C (A)
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD:
FEMALE: M12 X 1 INTERNAL THD.
MALE: M12 X 1 EXTERNAL THD.
 7. UL RECOGNIZED FILE: E152210 (A)
CSA CERTIFIED FILE: LR6837 (A)
 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

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

PART NO	ENGINEERING NO.	FINISHED LENGTH
1200680175	884A30A09M003	0.3M [1 FT]
1200680176	884A30A09M006	0.6M [2 FT]
1200680177	884A30A09M010	1M [3 FT 3 IN]

(A) PART NO. MATRIX
884A30A09M003

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



WIRING SCHEMATIC

(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]

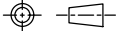
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

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

FUNCTIONAL SYMBOLS $\nabla_A=0$ $\nabla_C=0$ $\nabla_P=0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	DIMENSION UNITS INCH/MM		SCALE NTS		CURRENT REV DESC: ITEM 2 & 6 WAS TPU & 11 WAS MYLAR. ADDED ITEM-12, UL, CSA, CABLE DIA, TOL CHART & PN MATRIX. UPDATED TEMP RATING AND VOLTAGE WAS 30VDC			molex								
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
		mm	INCH		EC NO: 669893 DRWN: ABENJAMINLW 2021/03/23 CHK'D: RSTONE 2021/07/12 APPR: BWOODMAN 2021/07/14			MICRO-CHANGE CORDSET-SPLITTER M12, 4-3 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 22 AWG								
	4 PLACES	±----	±----													
	3 PLACES	±----	±----		2021/07/12			PRODUCT CUSTOMER DRAWING								
	2 PLACES	±----	±----													
	1 PLACE	±----	±----		INITIAL REVISION: DRWN: BBRAUCH 2010/02/08 APPR: NSTAUDIG 2010/02/15			DOCUMENT NUMBER SD-120068-024			DOC TYPE PSD	DOC PART 001	REVISION A			
	0 PLACES	±----	±----													
	ANGULAR TOL ± ---- °				THIRD ANGLE PROJECTION 			DRAWING A3-SIZE		SERIES 120068		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																