

- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 250VDC
CURRENT: 4A
 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 LISTED FILE: E152210 (A)
CSA CERTIFIED FILE: LR6837
 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

MECHANICAL CHARACTERISTICS: (A)

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

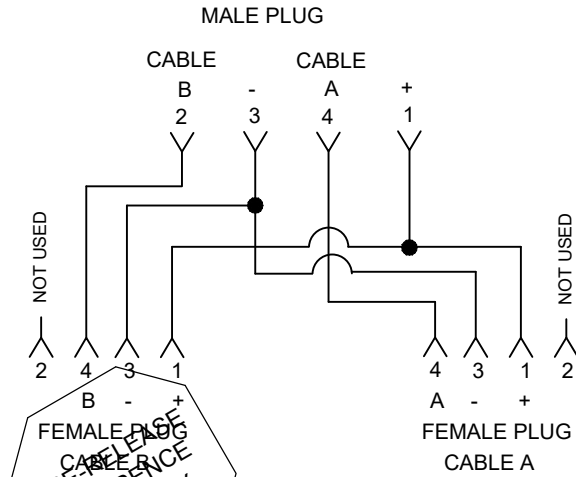
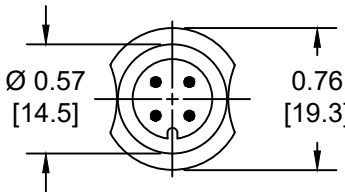
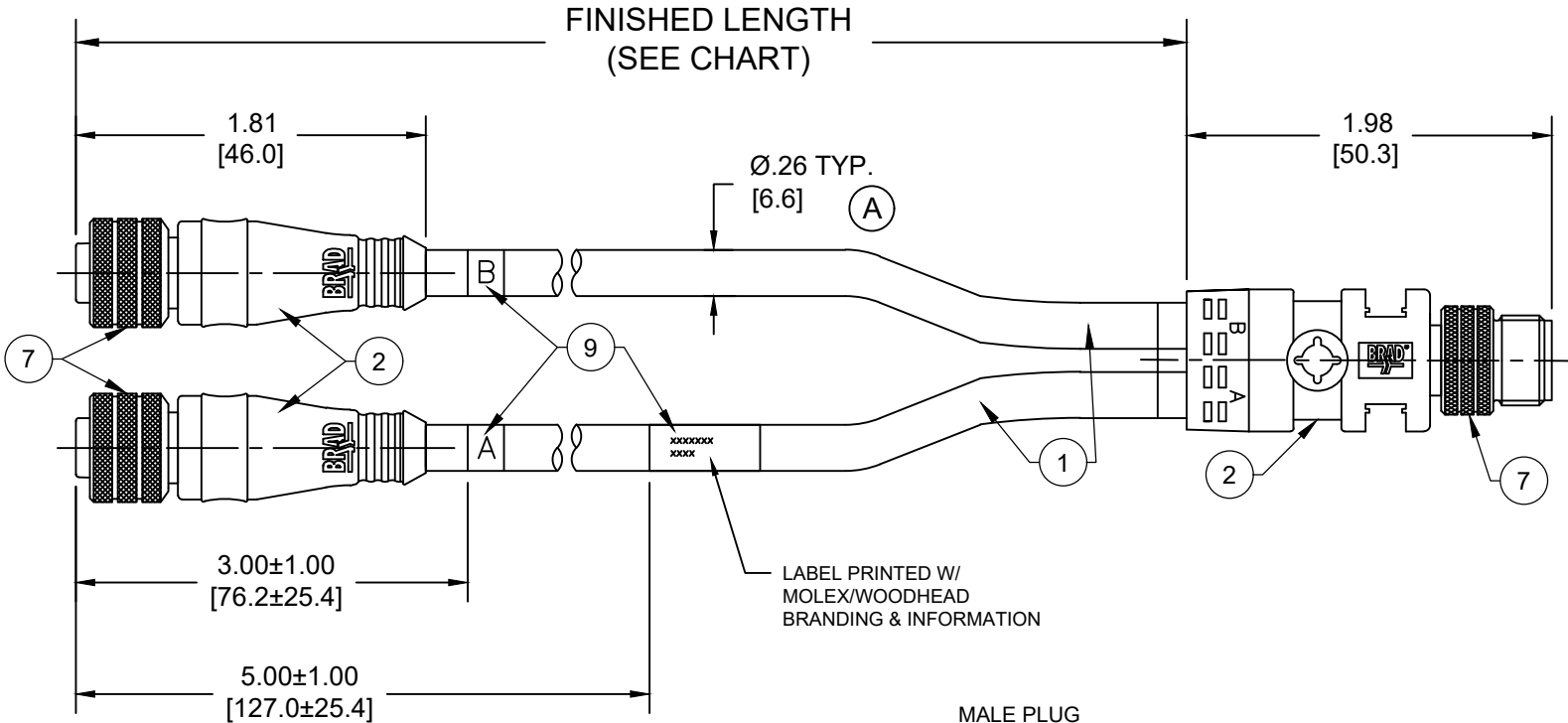
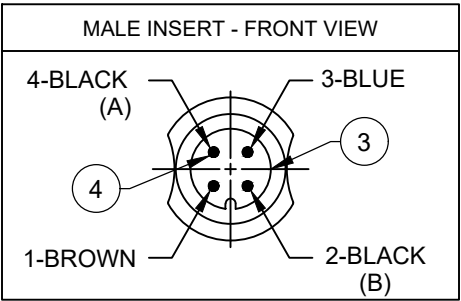
9	LABEL	VINYL	BLACK/YELLOW
8	O-RING	VITON	RED
7	COUPLER	NICKEL-BRASS	TEFLON COATED
6	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
5	FEMALE INSERT	PUR	BLACK
4	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	MALE INSERT	PUR	BLACK
2	OVERMOLD	TPC	YELLOW
1	CABLE #18-4	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

(A)

PART NO	ENGINEERING NO.	FINISHED LENGTH
1200680187	884A30K03M003	0.3M [1 FT]
1200680192	884A30K03M020	2M [6 FT 7 IN]
1200680194	884A30K03M040	4M [13 FT 1 IN]

(A) PART NO. MATRIX
884A30K03M020

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



(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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS F A=0 F C=0 F P=0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM #2 WAS TPE. ADDED UL, CSA, TOL CHART, CABLE DIA & PN MATRIX. MODIFIED TEMP RATING & PART NUMBER CHART			molex MICRO-CHANGE CORDSET-SPLITTER M12, 4-3 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 18 AWG HI-FLEX					
	INCH/MM		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 666551			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER DOC TYPE DOC PART REVISION SD-120068-022 PSD 001 A					
	mm		INCH		DRWN: ABENJAMINLW 2021/03/05								
	4 PLACES		±----		±----		CHK'D: RSTONE 2021/06/10						
3 PLACES		±----		±----		APPR: ----							
2 PLACES		±----		±----		INITIAL REVISION:			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING B-SIZE SERIES 120068 MATERIAL NUMBER SEE CHART CUSTOMER GENERAL MARKET SHEET NUMBER 1 OF 1				
1 PLACE		±----		±----		DRWN: BBRAUCH 2010/02/04							
0 PLACES		±----		±----		APPR: NSTAUDIG 2010/02/15							
ANGULAR TOL ± ---- °													

molex

MICRO-CHANGE CORDSET-SPLITTER
M12, 4-3 POLE, MALE-FEMALE, STRAIGHT,
SINGLE KEY, 18 AWG HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120068-022	PSD	001	A