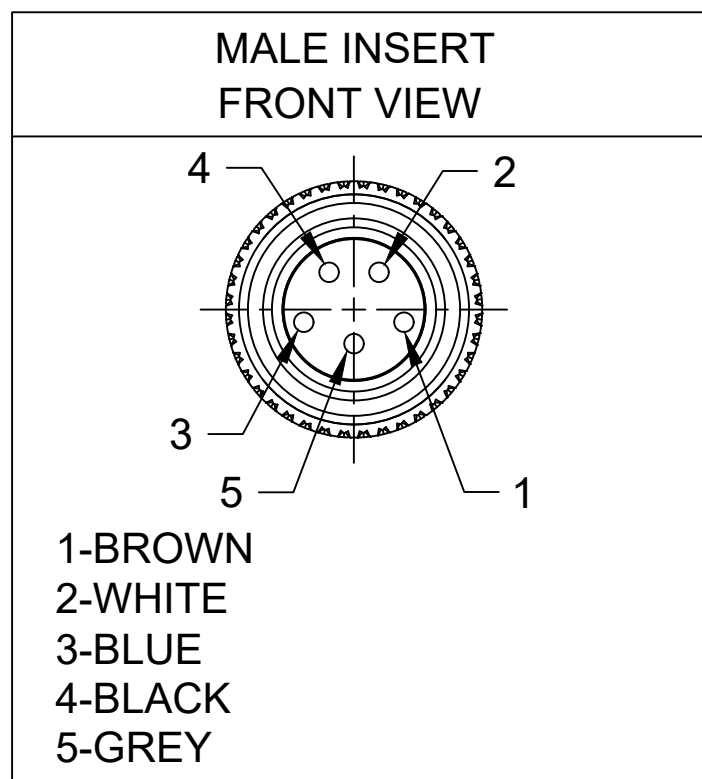
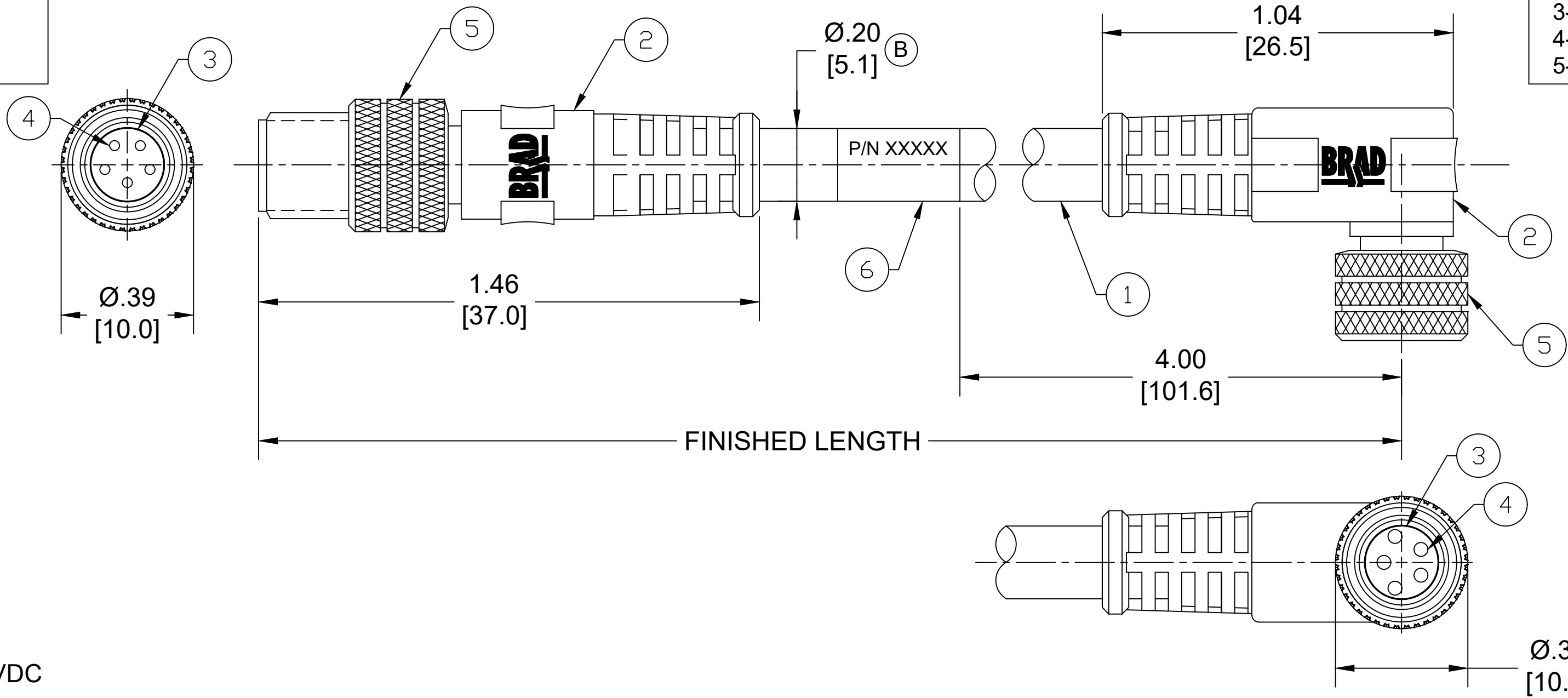
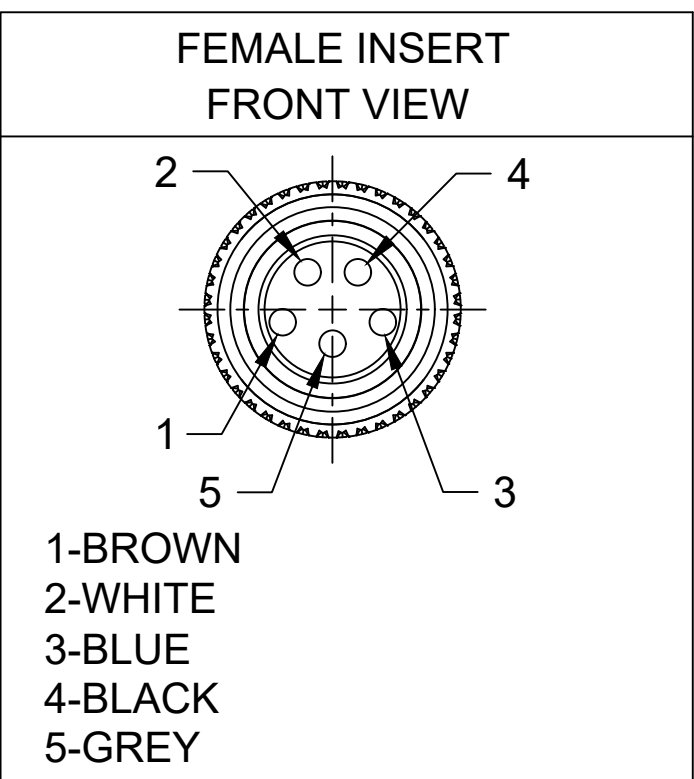




MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1200870287	445031A10M010	1M [3 FT 3 IN]

PART NO. MATRIX
445031A10M010



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE : 60VAC/75VDC
CURRENT: 3A
4. TEMP RATING: -20° TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M8X1 (B)
7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

6	LABEL	VINYL	BLACK/YELLOW
5	COUPLING NUT	BRASS	NICKEL PLATED
4	CONTACT	COPPER ALLOY	GOLD/NICKEL PLATED
3	INSERT	PUR	BLACK
2	OVERMOLD	TPC	YELLOW
1	CABLE #24-5 AWG	PVC	YELLOW
ITEM	COMPONENT	MATERIAL	FINISH

1	BROWN	1
2	WHITE	2
3	BLUE	3
4	BLACK	4
5	GREY	5

5 PRE-RELEASE
REFERENCE
ONLY
USE OF DIAGRAM

(B) 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 FA =0 FE =0 FP =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		SCALE		CURRENT REV DESC: ITEM #2 WAS PVC. ADDED TOL CHART & CABLE DIA. ADDED NOTE-6			molex						
	INCH/MM		NTS											
	GENERAL TOLERANCES (UNLESS SPECIFIED)							NANO-CHANGE CORDSET 5 POLE, STRAIGHT MALE - 90 DEG FEMALE, #24 AWG						
		mm	INCH		EC NO: 666551 DRWN: ABENJAMINLW 2021/04/08 CHK'D: RSTONE 2021/06/10 APPR: ----									
	4 PLACES		± ----	± ----						PRODUCT CUSTOMER DRAWING				
	3 PLACES		± ----	± ----		DOCUMENT NUMBER SD-120087-049 DOC TYPE PSD DOC PART 001 REVISION B								
	2 PLACES		± ----	± ----							SHEET NUMBER 1 OF 1			
	1 PLACE		± ----	± ----										
	0 PLACES		± ----	± ----										
ANGULAR TOL ± ---- °				THIRD ANGLE PROJECTION			DRAWING C-SIZE		SERIES 120087		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														