

FEMALE
3 POLE

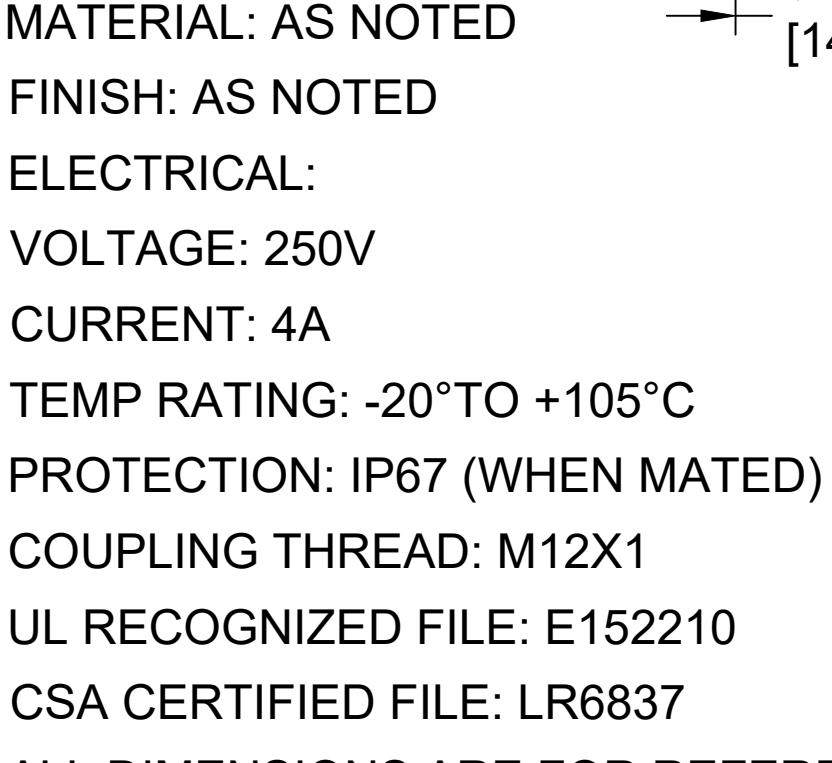
1 - BROWN
2 - NOT USED
3 - BLUE
4 - BLACK
5 - NOT USED

- FEMALE**
3 POLE

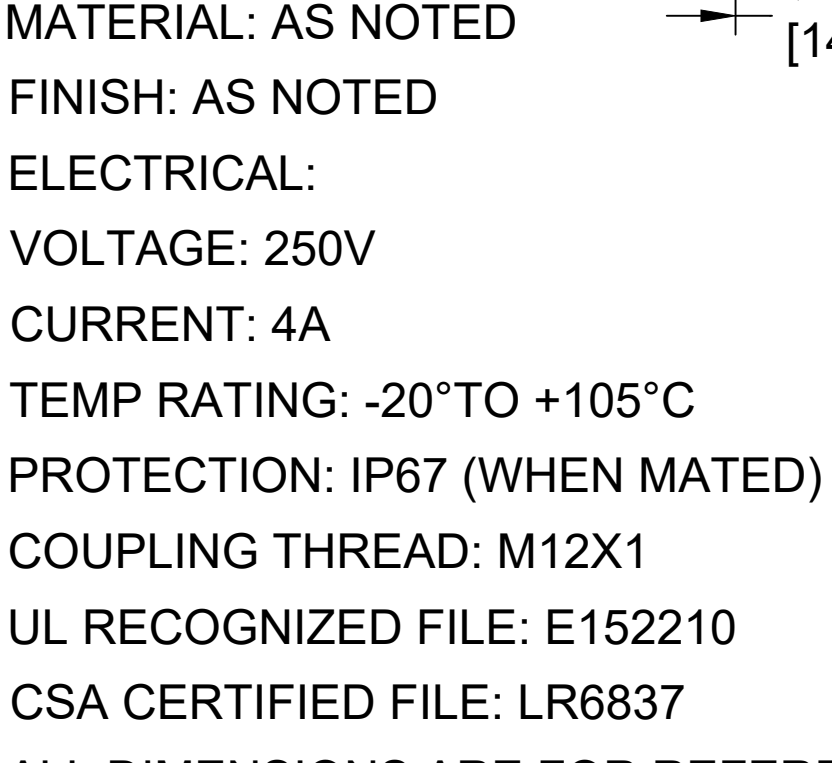
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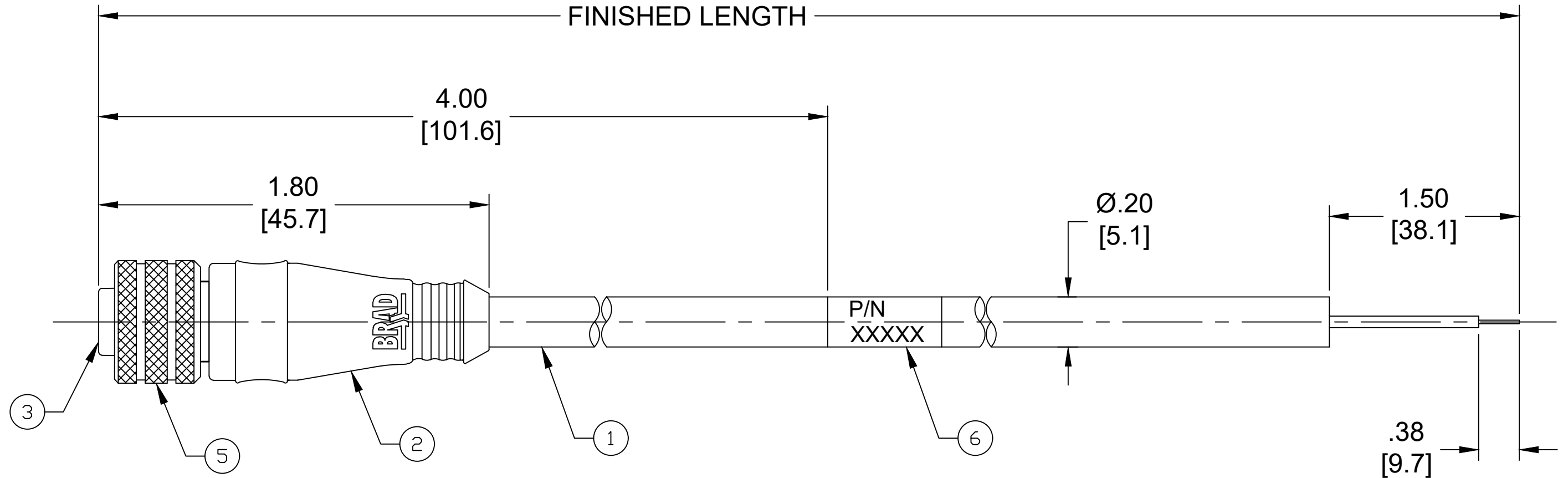
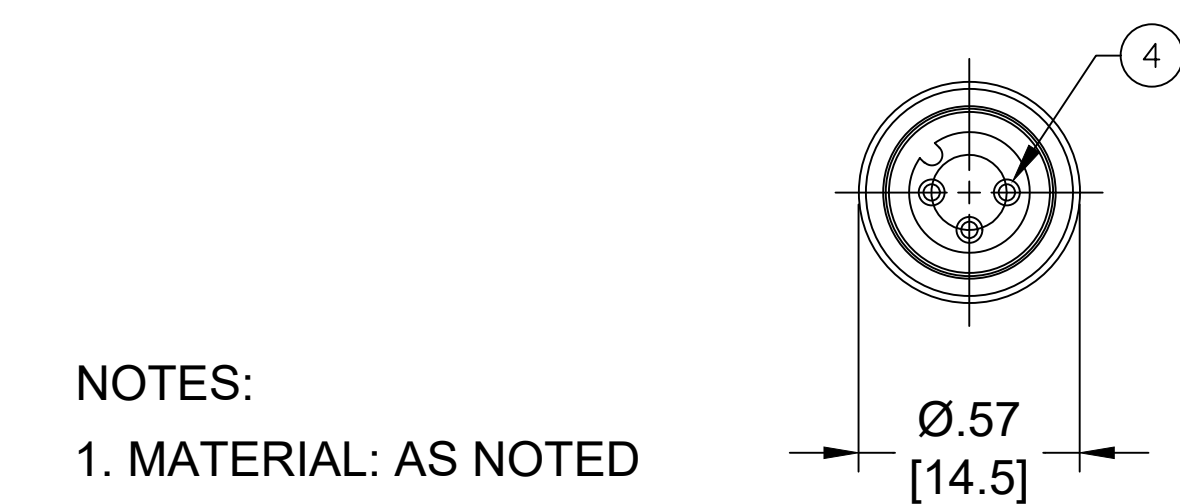
NOTES:

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
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE



Technical drawing of a cable gland. The drawing shows a cross-section of the gland with a cable passing through it. The cable has a diameter of 14.5 mm, indicated by the dimension line and the note Ø.57 [14.5]. The gland has a maximum length of 100 mm, indicated by the dimension line and the note 100 MAX. The drawing also includes a note for the material, finish, and electrical specifications.

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PART NO	ENGINEERING NO.	FINISHED LENGTH
1200650139	803000A09M050	5M [15FT 5 IN]
1200650148	803000A09M100	10M [32FT 9 IN]

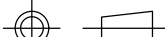
PART NO. MATRIX
803000A09M010

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

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

6	WRAP LABEL	VINYL	BLACK/YELLOW
5	COUPLER	BRASS	NICKEL PLATED
4	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	PUR	BLACK
2	OVERMOLD	PUR	YELLOW
1	#22/3 CABLE	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516685			molex				
INCH/MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)							MICRO-CHANGE CORDSET, M12, 3 POLE, FEMALE, STRAIGHT, SINGLE KEY, #22 AWG				
	mm	INCH									
4 PLACES	±----	±----									
3 PLACES	±----	±----		EC NO: 830097			PRODUCT CUSTOMER DRAWING				
2 PLACES	±----	±----		DRWN: SANATK12025/08/01							
1 PLACE	±----	±----		CHK'D: GGA2025/08/06							
0 PLACES	±----	±----		APPR: GGA2025/08/06			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± ---- °				INITIAL REVISION:			SD-120065-067		PSD	001	B1
DRWN: GGUSTAFS2013/11/20				2013/12/02			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
APPR: BWOODMAN							SEE CHART		GENERAL MARKET		1 OF 1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 120065			