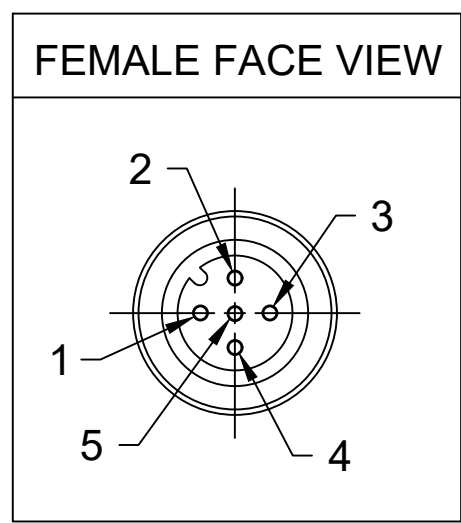
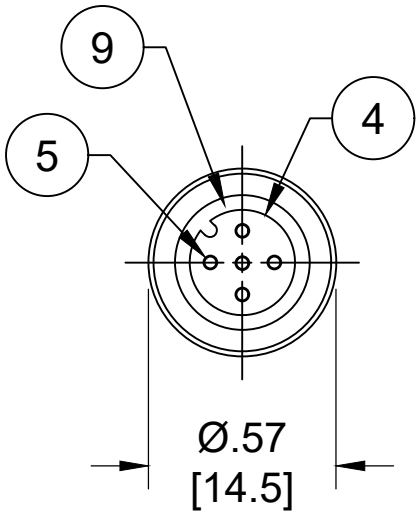
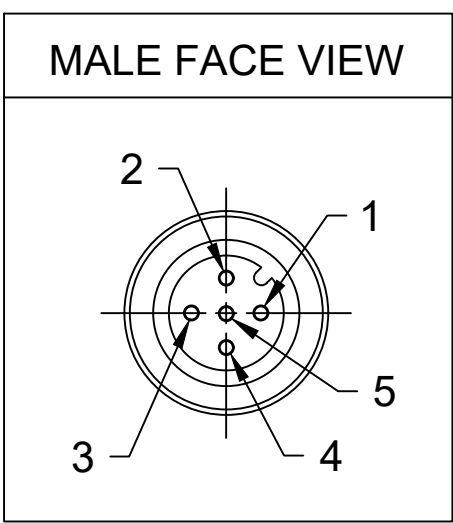
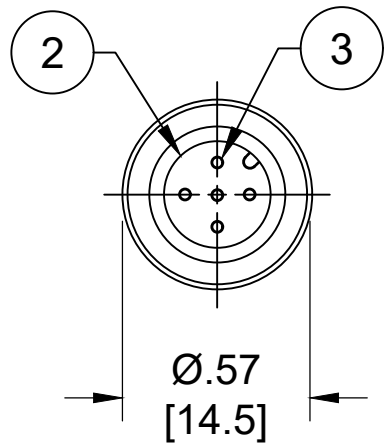
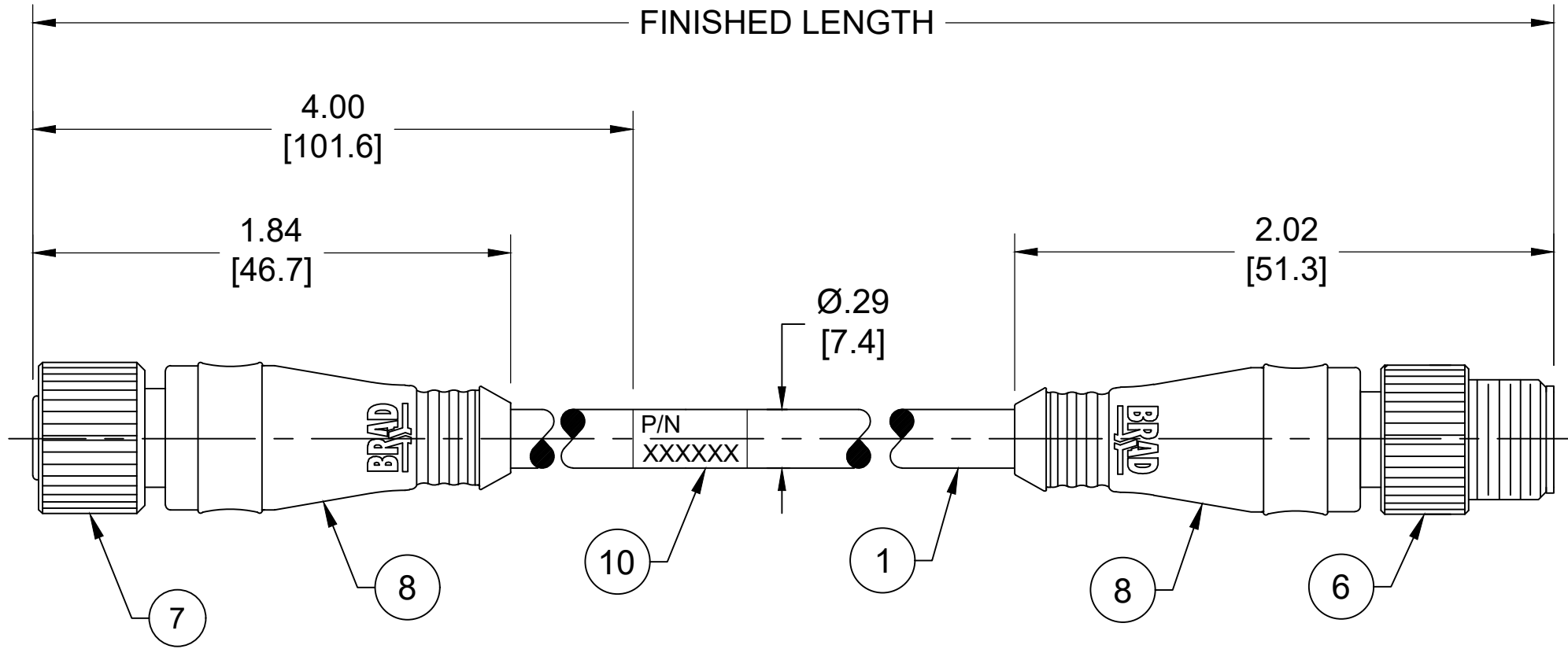




MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300280021	DND22A-M002	0.2M [8 IN]
1300280050	DND22A-M200	20M [65FT 7 IN]
1300280055	DND22A-M400	40M [131FT 3 IN]



FEMALE FACE VIEW



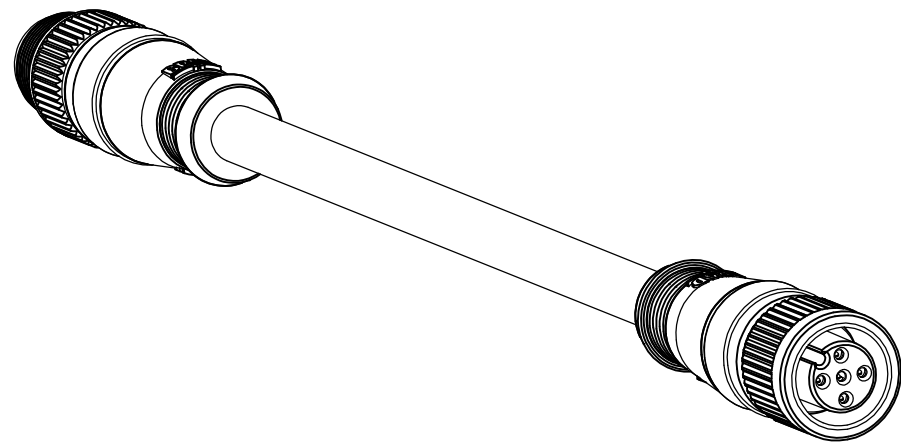
MALE FACE VIEW

- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE : 60V AC/DC (F)
CURRENT: 4A
 4. TEMP RATING: -20° TO +80°C
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: M12X1
 7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERACED OR NOTED OTHERWISE

PART NUMBER LEGEND

DND22A-M005

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



10	WRAP LABEL	VINYL	BLACK/YELLOW
9	O-RING	NITRILE	RED
8	OVERMOLD	TPC	GRAY
7	FEMALE COUPLING NUT	ZINC DIE CAST	BLACK E-COATED
6	MALE COUPLING NUT	ZINC DIE CAST	BLACK E-COATED
5	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
4	FEMALE INSERT	NYLON 6/6	BLACK
3	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
2	MALE INSERT	NYLON 6/6	BLACK
1	CABLE #22 AWG	PVC	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

SCHEMATIC

- | | | |
|---|---|-----------|
| 1 | → | 1 - DRAIN |
| 2 | → | 2 - V+ |
| 3 | → | 3 - V- |
| 4 | → | 4 - CAN_H |
| 5 | → | 5 - CAN_L |

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	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: CHANGE VOLTAGE RATING, FROM 250V TO 60V				molex MICRO-CHANGE DEVICENET, M12, 5 POLE, MALE - FEMALE, STRAIGHT, SINGLE KEY, #22 AWG				
	INCH/MM		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
DIVISIONAL SYMBOLS			mm		INCH		EC NO: 785841 DRWN: LESPINOZA 2024/05/10 CHK'D: ALEON01 2024/05/14 APPR: BWOODMAN 2024/05/21						
	4 PLACES		± ----		± ----								
	3 PLACES		± ----		± ----								
	2 PLACES		± ----		± ----								
DIVISIONAL SYMBOLS	1 PLACE		± ----		± ----		INITIAL REVISION: DRWN: BWOODMAN 2009/03/13 APPR: JFMURPHY 2009/03/31						
	0 PLACES		± ----		± ----								
	ANGULAR TOL ± ---- °												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		130028		SEE CHART		GENERAL MARKET		1 OF 1	