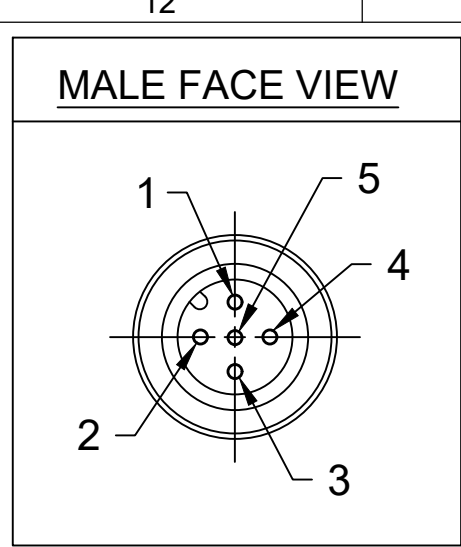
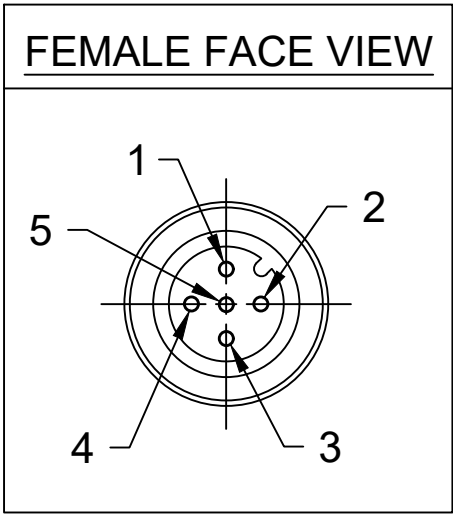




MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300280104	DND33A-M010	1M [3FT 3 IN]
1300280113	DND33A-M050	5M [16FT 5 IN]



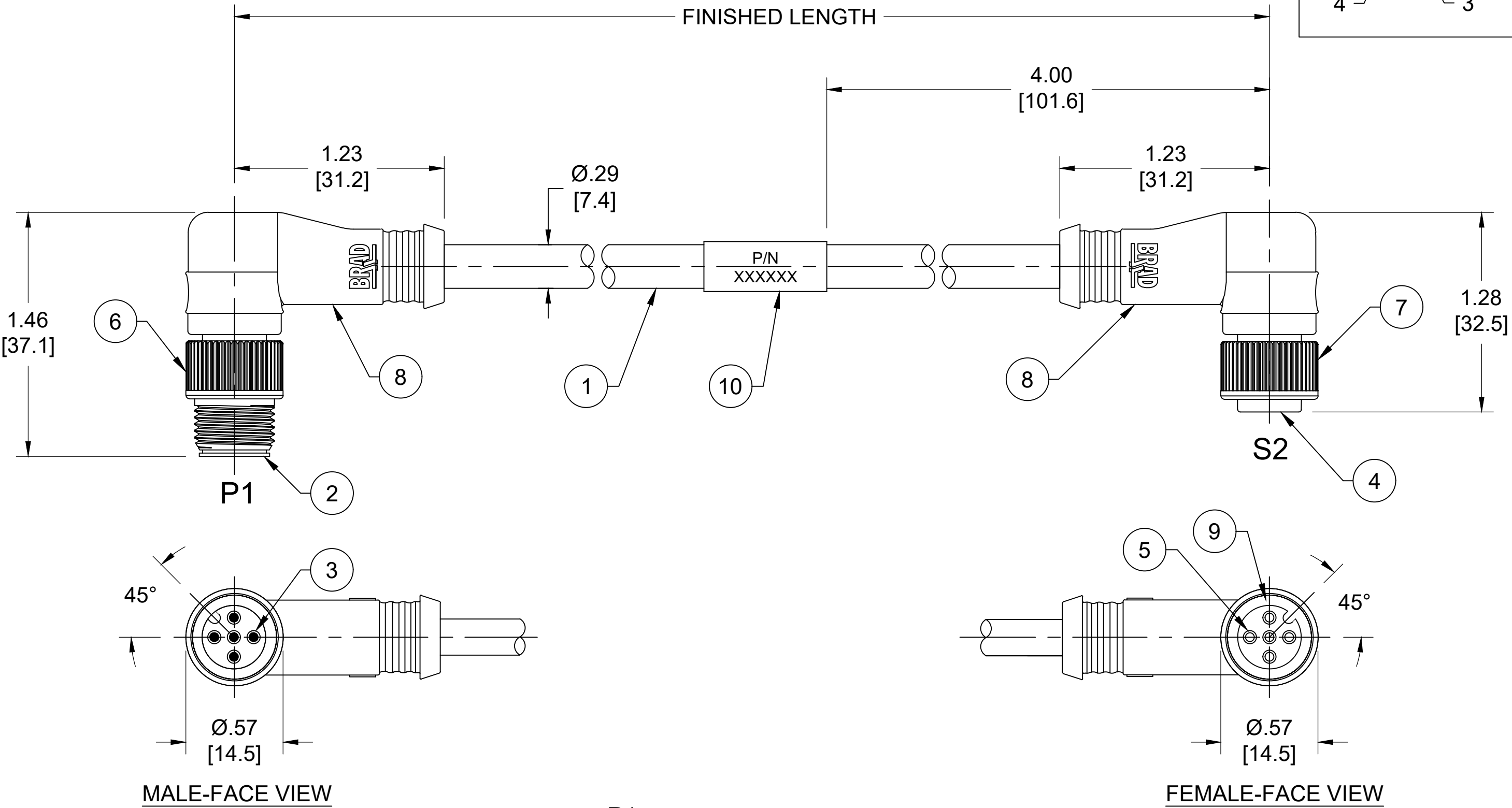
PART NUMBER LEGEND

DND33A-M010

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

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE : 60V AC/DC
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



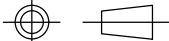
10	WRAP LABEL	VINYL	YELLOW
9	O-RING	NITRILE	RED
8	OVERMOLDS	TPC	GRAY
7	FEMALE COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
6	MALE COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
5	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
4	FEMALE INSERT	NYLON	BLACK
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	MALE INSERT	NYLON	BLACK
1	DEVICENET DROP CABLE, #22 AWG	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

P1		S2
1	← DRAIN →	1
+V - 2	← RED →	2 - V+
-V - 3	← BLACK →	3 - V-
CAN_H - 4	← WHITE →	4 - CAN_H
CAN_L - 5	← BLUE →	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

SCHEMATIC

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#516986			molex					
INCH/MM		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)							MICRO-CHANGE DEVICE-NET, M12 5 POLE, MALE/FEMALE, 90/90, #22/4 SHLD PVC -THIN STD					
	mm	INCH	EC NO: 831193			PRODUCT CUSTOMER DRAWING						
4 PLACES	± ----	± ----	DRWN: SANATK1 2025/08/07									
3 PLACES	± ----	± ----	CHK'D: GGA 2025/08/19									
2 PLACES	± ----	± ----	APPR: GGA 2025/08/19									
1 PLACE			± ----	± ----	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES			± ----	± ----	DRWN: VOU 2009/08/04		SD-130028-003		PSD	001	C1	
ANGULAR TOL ± ---- °			APPR: JFMURPHY 2009/08/10									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 130028	MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/19	10:06:46
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