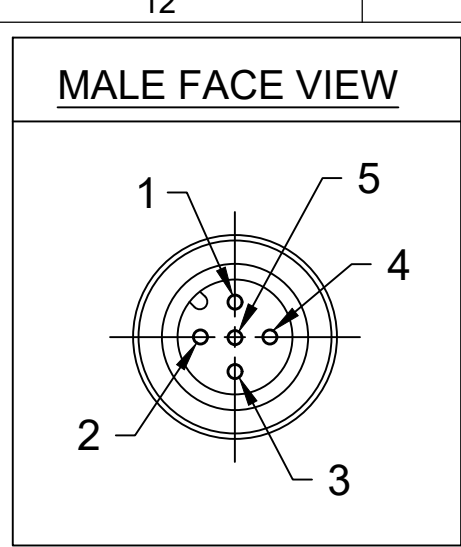
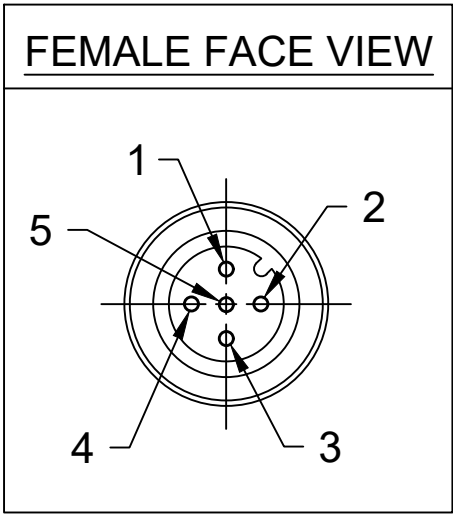




MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300280183	DNDF33A-M010	1M [3FT 3 IN]
1300280185	DNDF33A-M050	5M [16FT 5 IN]
1300280417	DNDF33A-M100	10M [32FT 10 IN]



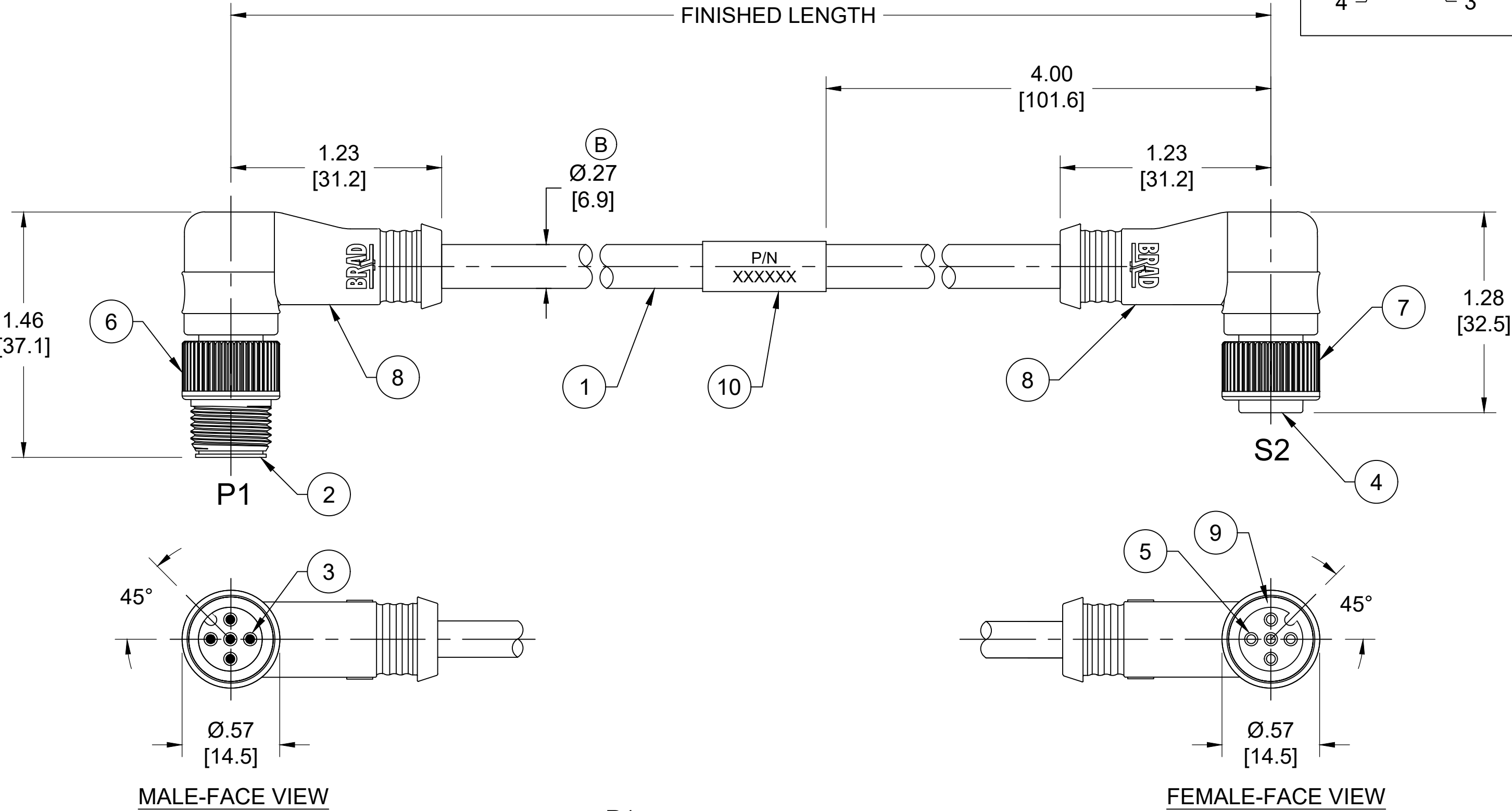
PART NUMBER LEGEND
DNDF33A-M005

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. 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	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/25	14:53:44
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P1	S2
1	1
+V - 2	2 - V+
-V - 3	3 - V-
CAN_H - 4	4 - CAN_H
CAN_L - 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

SCHEMATIC

FUNCTIONAL SYMBOLS $\frac{F}{A}=0$ $\frac{E}{C}=0$ $\frac{P}{D}=0$ 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-1 & 8 WERE TPE. ITEM-10 WAS PLASTIC FILM. VOLTAGE CHNGD FROM 250V TO 60V. ADDED ITEM-9, CSA, PN LEGEND, CABLE DIA & TOL CHART. MODIFIED PN TABLE			molex MICRO-CHANGE DEVICE-NET, M12 5P MALE/FEMALE, 90/90, #22/2 23/2 PVC THIN-HIGHFLEX									
	INCH/MM		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
		mm	INCH	EC NO: 825887			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-130028-006 DOC TYPE PSD DOC PART 001 REVISION B										
	4 PLACES	± ----	± ----	DRWN: ABENJAMINLW 2025/06/17													
	3 PLACES	± ----	± ----	CHK'D: PDODDAMANEMY 2025/06/18													
	2 PLACES	± ----	± ----	APPR: BWOODMAN 2025/09/25													
	1 PLACE	± ----	± ----	INITIAL REVISION:													
	0 PLACES	± ----	± ----	DRWN: VOU 2009/08/05			SD-130028-006			PSD			001			B	
ANGULAR TOL ± ---- °			APPR: JFMURPHY 2009/08/10														
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			