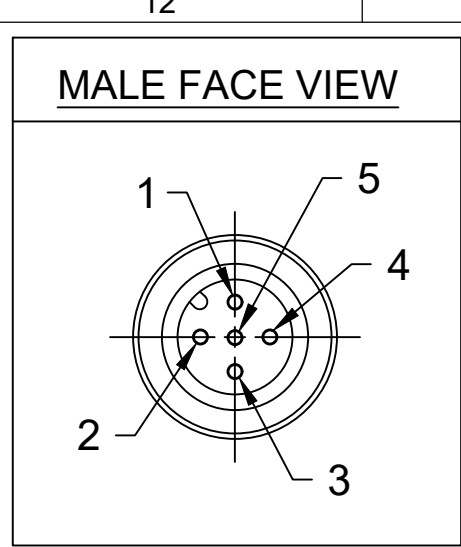
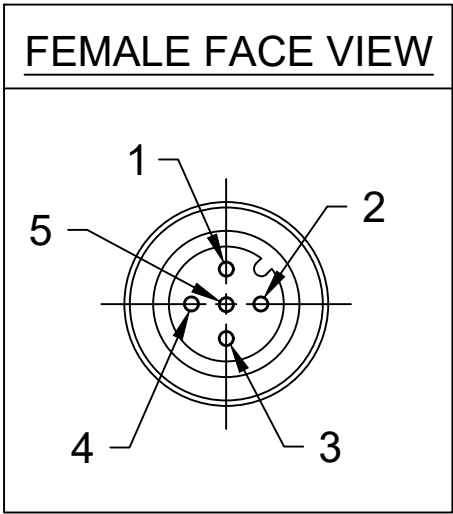




MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300280183	DNDF33A-M010	1M [3FT 3 IN]
1300280185	DNDF33A-M050	5M [16FT 5 IN]
1300280417	DNDF33A-M100	10M [32FT 10 IN]



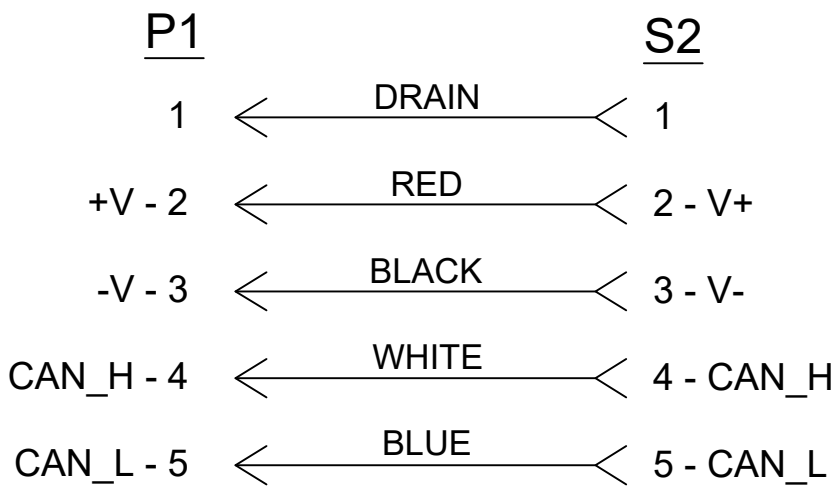
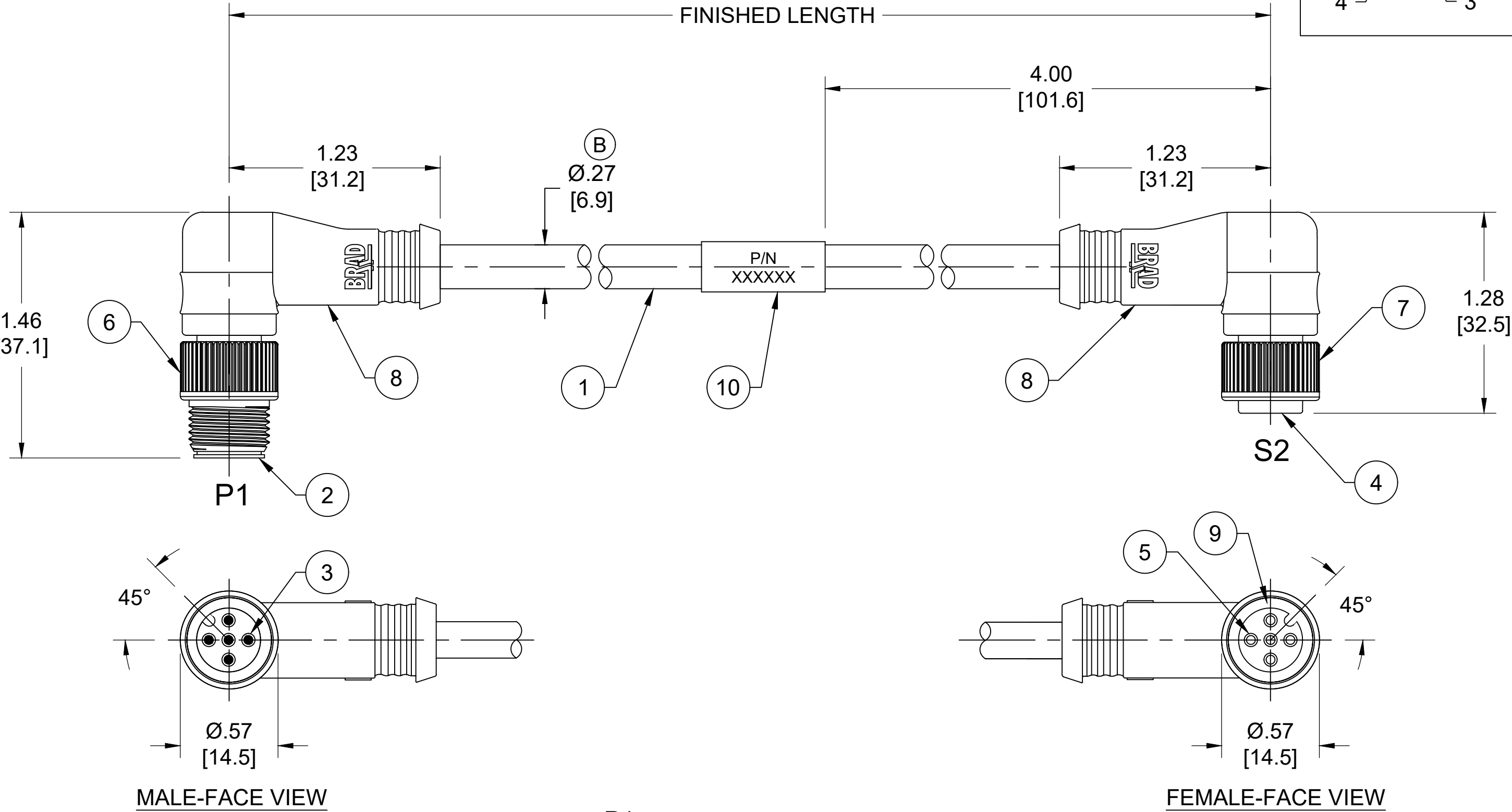
PART NUMBER LEGEND
DNDF33A-M005

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



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 F A =0 F E =0 F P =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)				EC NO: 825887 DRWN: ABENJAMINLW 2025/06/17 CHK'D: PDODDAMANEMY 2025/06/18 APPR: BWOODMAN 2025/09/25													
		mm	INCH															
	4 PLACES	± ----	± ----															
	3 PLACES	± ----	± ----															
	2 PLACES	± ----	± ----															
	1 PLACE	± ----	± ----		INITIAL REVISION:				DOCUMENT NUMBER SD-130028-006				DOC TYPE PSD		DOC PART 001		REVISION B	
	0 PLACES	± ----	± ----															
ANGULAR TOL ± ---- °				DRWN: VOU 2009/08/05 APPR: JFMURPHY 2009/08/10				PRODUCT CUSTOMER DRAWING										
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				