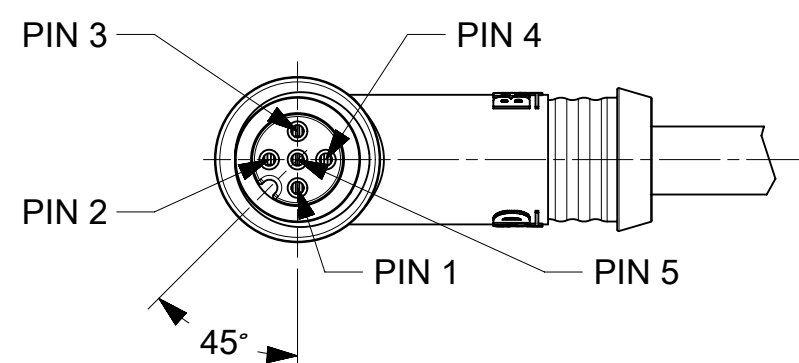
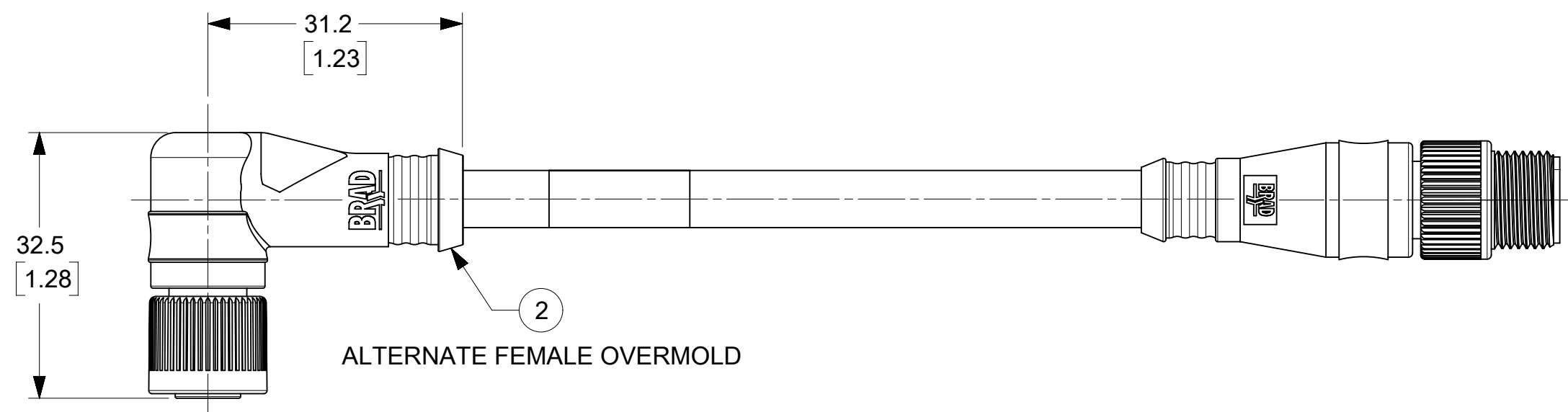
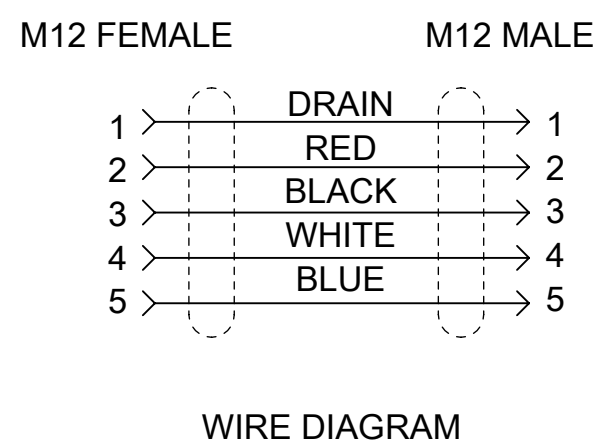
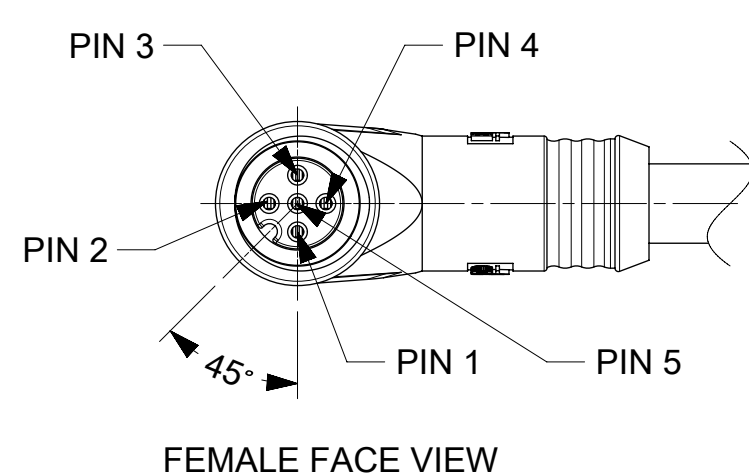
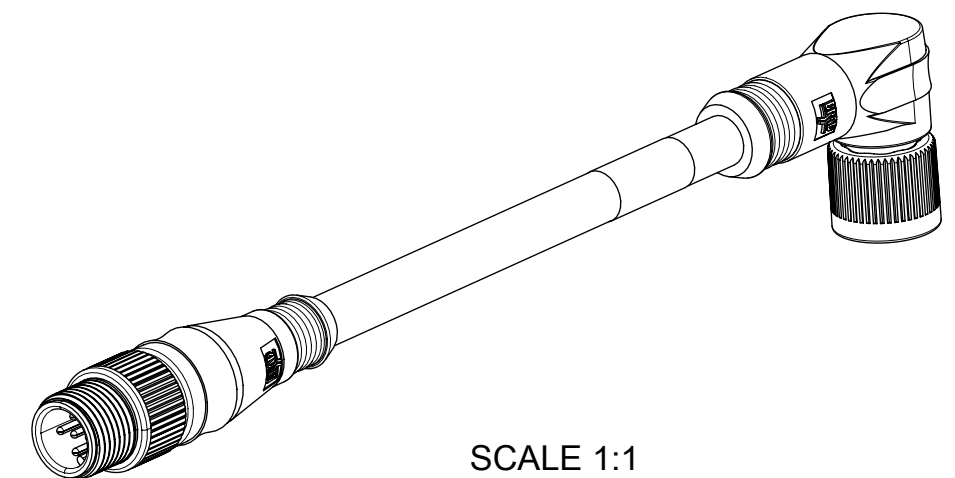
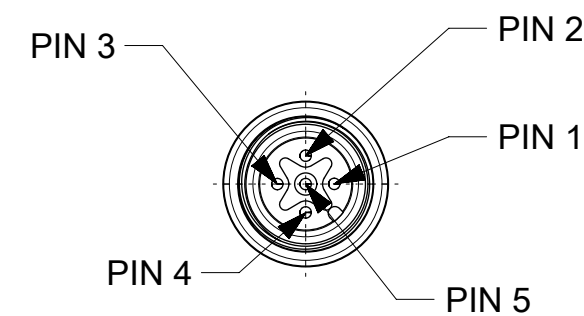
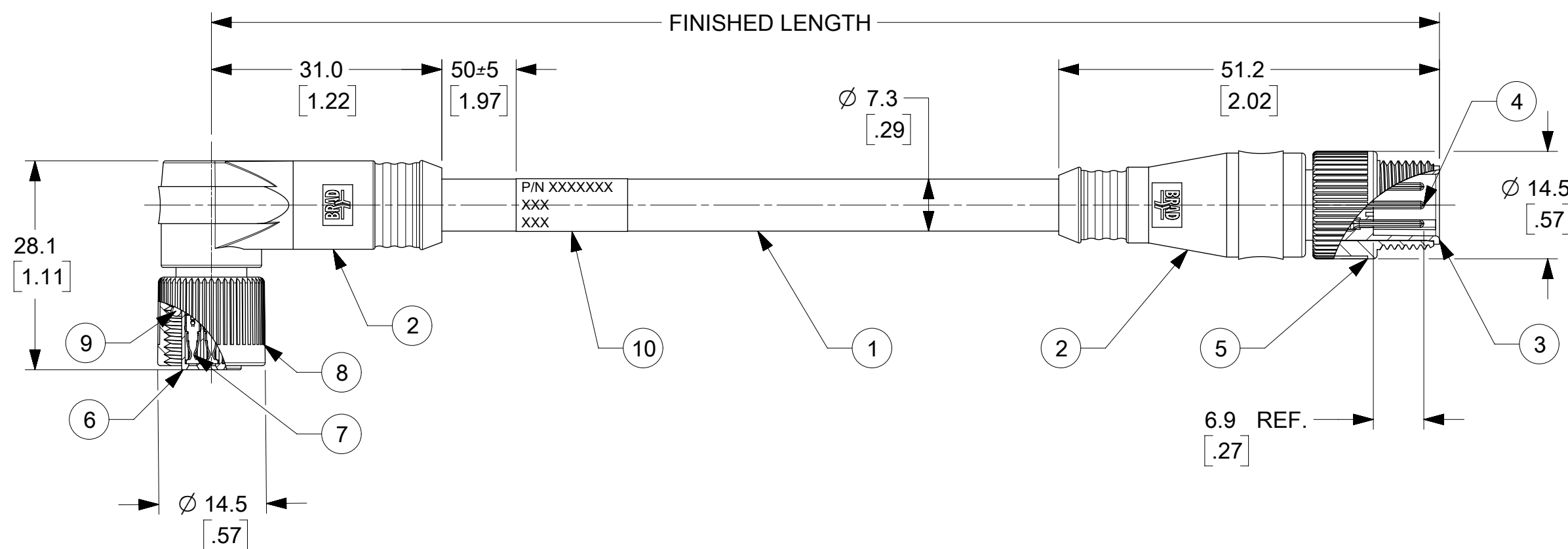




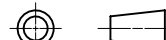
CABLE LENGTH TOLERANCES
 <.3M [1FT]: +19mm-0 [+.75in-0]
 .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
 .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
 1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
 7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
 14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
 OVER 30M [100FT] +2% OF FINISHED LENGTH

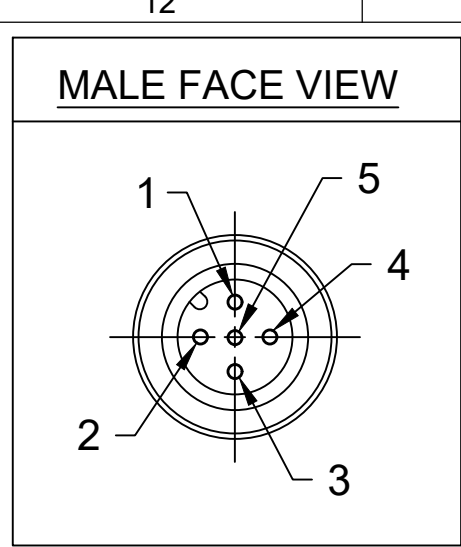
FINISHED LENGTH		
MOLEX PN	ENGINEERING NO	LENGTH M [FT]
1300280003	DND32A-M006	0.6 [1.97]
1300280080	DND32A-M002	0.2 [.66]
1300280081	DND32A-M003	0.3 [.98]
1300280082	DND32A-M004	0.4 [1.31]
1300280083	DND32A-M005	0.5 [1.64]
1300280084	DND32A-M007	0.7 [2.30]
1300280085	DND32A-M010	1.0 [3.28]
1300280086	DND32A-M015	1.5 [4.92]
1300280088	DND32A-M025	2.5 [8.20]
1300280089	DND32A-M030	3.0 [9.84]
1300280091	DND32A-M050	5.0 [16.4]

10	WRAP LABEL	VINYL	YELLOW
9	O-RING	FPM (VITON)	RED
8	COUPLING NUT FEMALE M12	ZINC DIE CAST	BLACK E-COAT
7	CONTACT FEMALE	Cu ALLOY	GOLD PLATED
6	INSERT M12 5P FEMALE	NYLON	BLACK
5	COUPLING NUT MALE M12	ZINC DIE CAST	BLACK E-COAT
4	CONTACT PIN	Cu ALLOY	GOLD PLATED
3	INSERT M12 5P MALE AC KEY	NYLON	BLACK
2	OVERMOLDS	TPC	GRAY
1	DEV-NET DROP CABLE 4x0.34mm² (22AWG)	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR

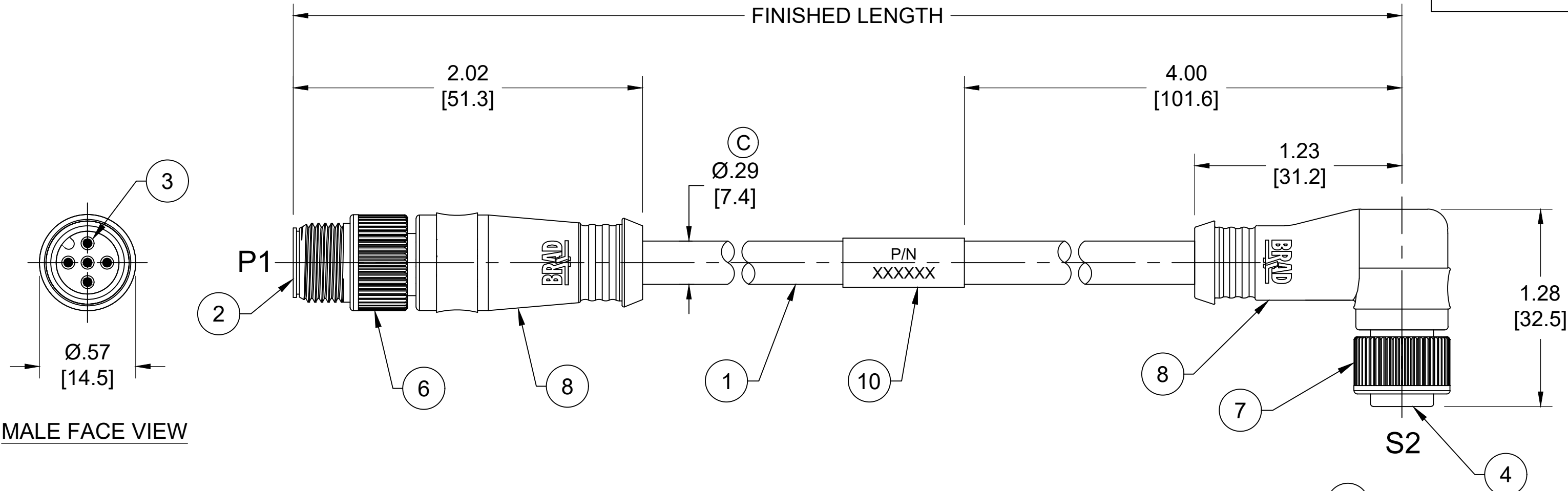
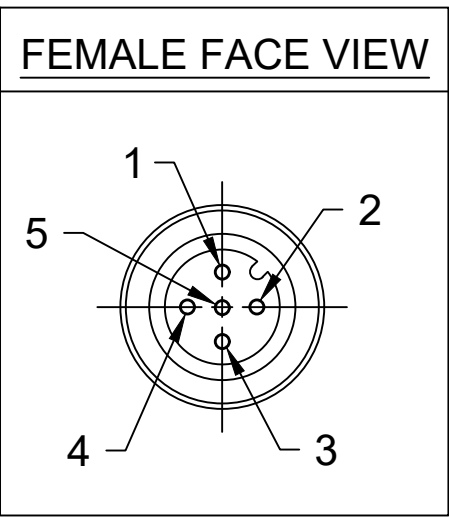
NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 60V AC/DC (C)
CURRENT: 4A
4. TEMP RATING: -20°TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1.0
7. UL LISTED FILE: E152210
CANADIAN LISTED FILE: LR6837
8. ALL DIMS ARE FOR REFERENCE UNLESS
TOLERANCED OR NOTED OTHERWISE

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. ITEM-5 & 8 MATERIAL UPDATED.				molex						
	MM/INCH		1.5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)								MICRO-CHANGE EXT CORD DEV-NET DROP MALE90/FEMALE STR, 22AWG						
		MM	INCH												
		4 PLACES		±	±	EC NO: 791028				2024/06/02 2024/07/08 2024/09/19					
		3 PLACES		±	±	DRWN: ABENJAMINLW									
		2 PLACES		±	±	CHK'D: LESPINOZA									
	DIVISIONAL SYMBOLS	1 PLACE		±	±	APPR: BWOODMAN				PRODUCT CUSTOMER DRAWING					
		0 PLACES		±	±	INITIAL REVISION:									
ANGULAR TOL		±	°	DRWN: MKOWALCZYK01				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
				APPR: MIWASIECZKO				13002800080		PSD	000	C			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		130028		SEE P/N CHART		GENERAL MARKET		1 OF 1	



MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300280083	DND32A-M005	0.5M [1FT 8 IN]
1300280089	DND32A-M030	3M [9FT 10 IN]
1300280091	DND32A-M050	5M [16FT 5 IN]



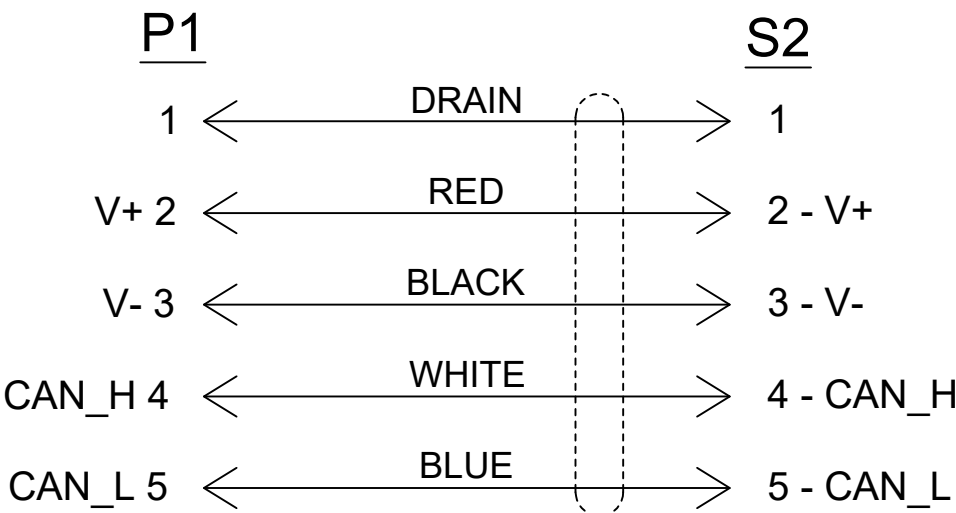
MALE FACE VIEW

PART NUMBER LEGEND
DND32A-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. 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



SCHEMATIC

FUNCTIONAL SYMBOLS F A =0 F C =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: CHANGED VOLTAGE RATING FROM 250V TO 60V. ITEM-8 WAS PVC. ADDED ITEM-9, UL, CSA, CABLE DIA & CABLE LEGTH TOL CHART. MODIFIED PN CHART				molex MICRO-CHANGE DEVICE-NET, M12 5 POLE, MALE STR/FEMALE 90DEG, #22/4 SHLD PVC -THIN STD							
	INCH/MM		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
		mm	INCH													
	4 PLACES		± ----	± ----	EC NO: 796482				2024/07/10							
	3 PLACES		± ----	± ----	DRWN: ABENJAMINLW				2024/08/27							
	2 PLACES		± ----	± ----	CHK'D: LESPINOZA				2024/09/19							
	1 PLACE		± ----	± ----	APPR: BWOODMAN				2024/09/19							
	0 PLACES		± ----	± ----	INITIAL REVISION:											
ANGULAR TOL		± ---- °	DRWN: VOU				2009/08/04									
			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	

CABLE LENGTH TOLERANCES

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14.6 - 30.5M [48-100FT]:	+622.3mm-0 [+24.50in-0]
OVER 30M [100FT]	+2% OF FINISHED LENGTH