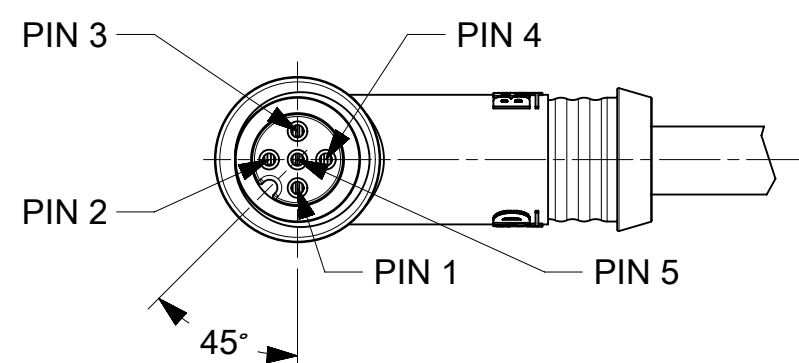
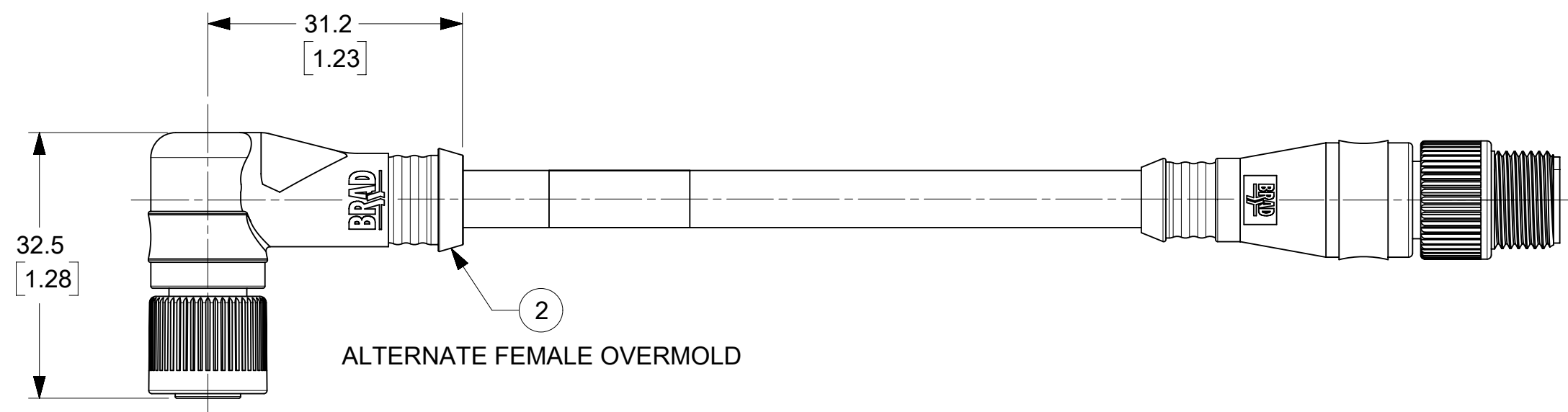
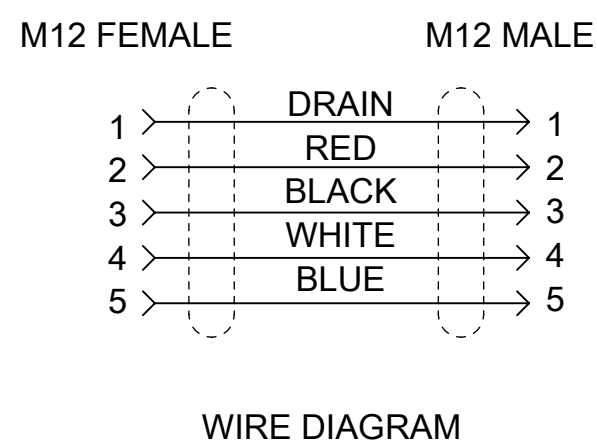
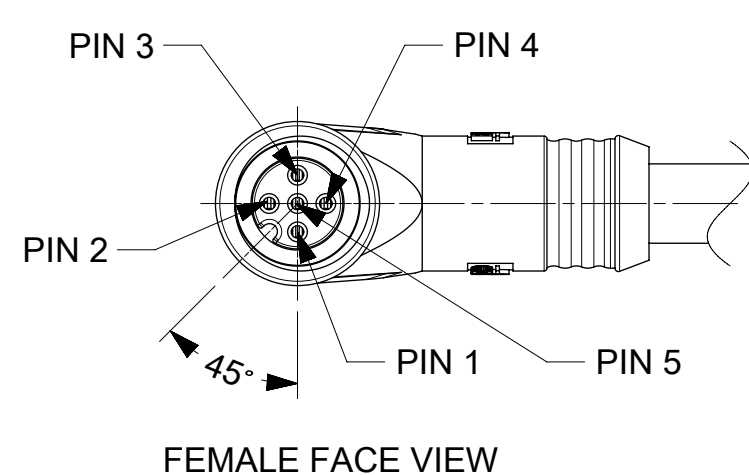
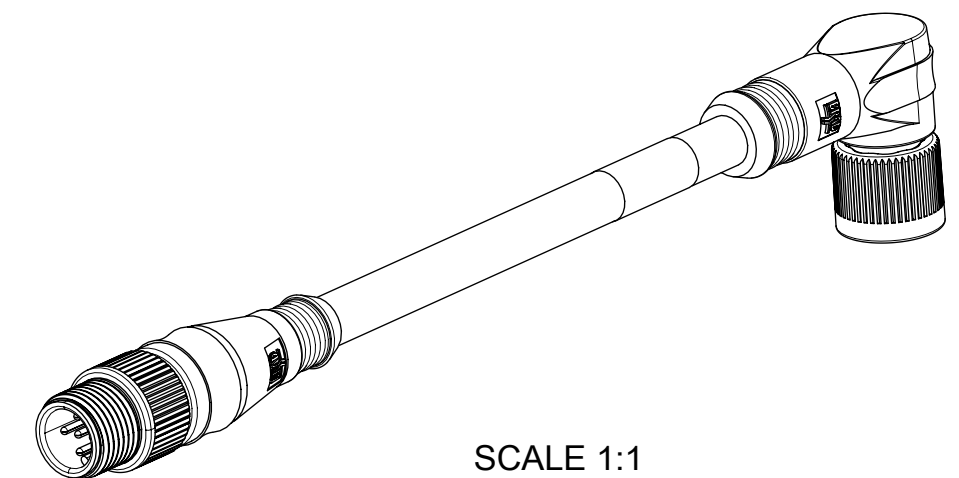
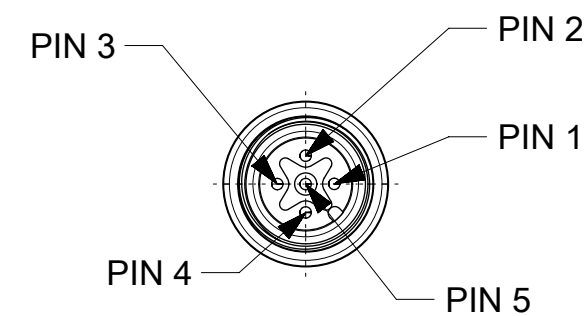
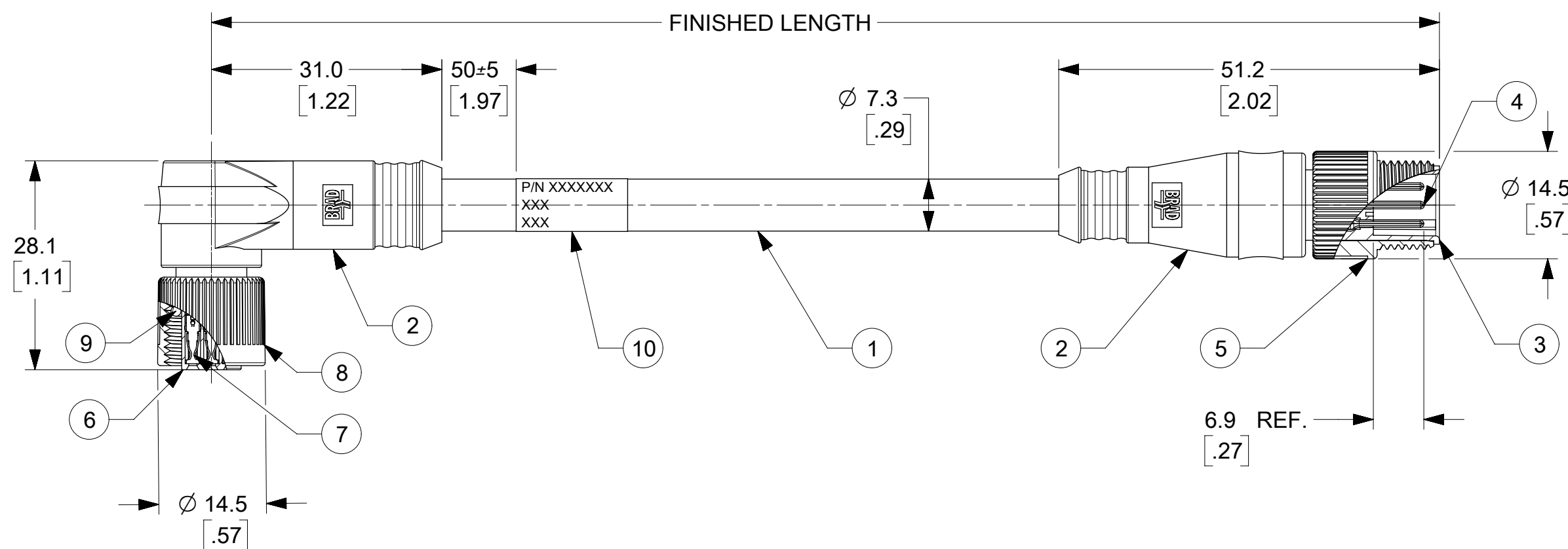




CABLE LENGTH TOLERANCES
 <.3M [1FT]: +19mm-0 [+.75in-0]
 .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
 .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
 1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
 7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
 14.6 - 30.5M [48-100FT]: +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															
F A = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGE VOLTAGE RATING, FROM 250V TO 60V. ITEM-5 & 8 MATERIAL UPDATED.				molex							
		MM/INCH		1.5:1													
F C = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)								MICRO-CHANGE EXT CORD DEV-NET DROP MALE90/FEMALE STR, 22AWG							
				MM										INCH			
DIVISIONAL SYMBOLS		4 PLACES		±	±									EC NO: 791028 DRWN: ABENJAMINLW 2024/06/02 CHK'D: LESPINOZA 2024/07/08 APPR: BWOODMAN 2024/09/19			
		3 PLACES		±	±												
		2 PLACES		±	±												
		1 PLACE		±	±												
		0 PLACES		±	±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
		ANGULAR TOL ± °				DRWN: MKOWALCZYK01 2018/10/09 APPR: MIWASIECZKO 2018/10/12				1300280080		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				

MALE FACE VIEW

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]

FEMALE FACE VIEW

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

MALE FACE VIEW

FINISHED LENGTH

PART NUMBER LEGEND

DND32A-M005

FINISHED LENGTH:

M005= 0.5 METER

M010= 1 METER

M100= 10 METER

FEMALE FACE VIEW

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