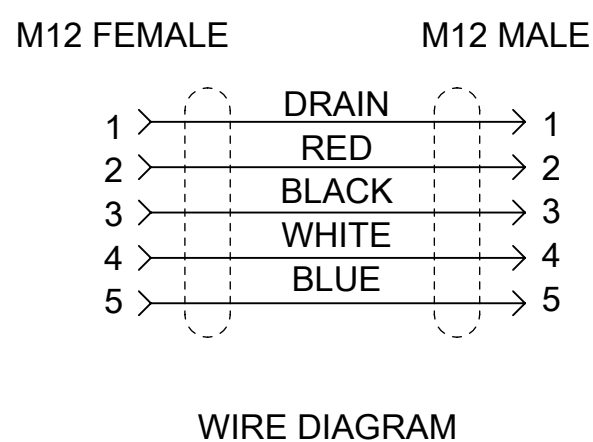
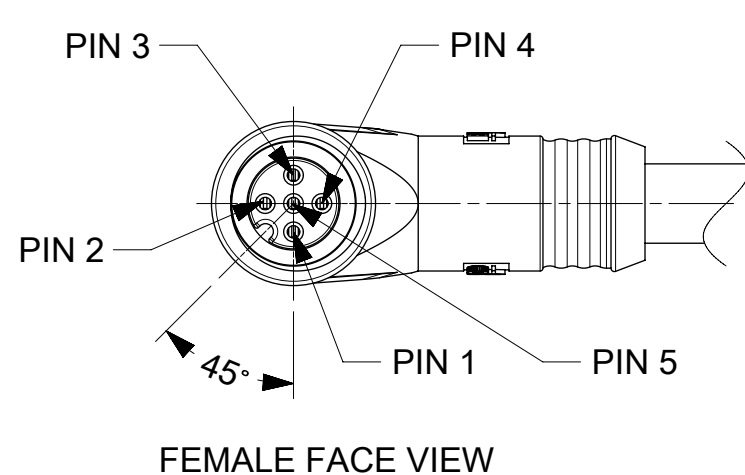
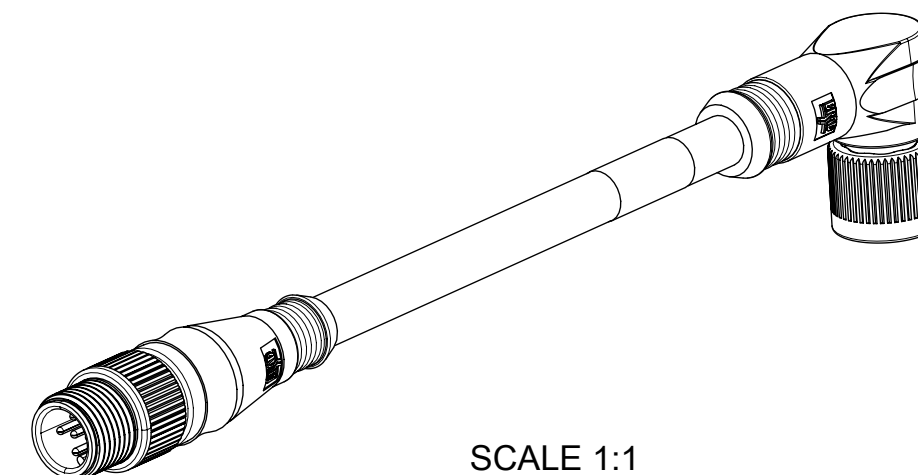
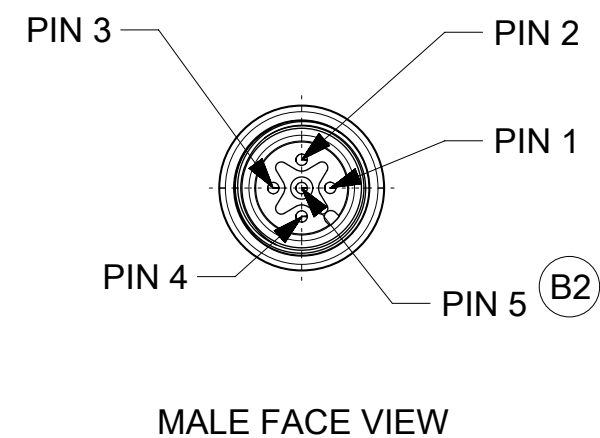




DND32A-M006

LENGTH

M001 = .1 METERS

M010 = 1.0 METERS

M100 = 10 METERS

PART NUMBER LEGEND

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]

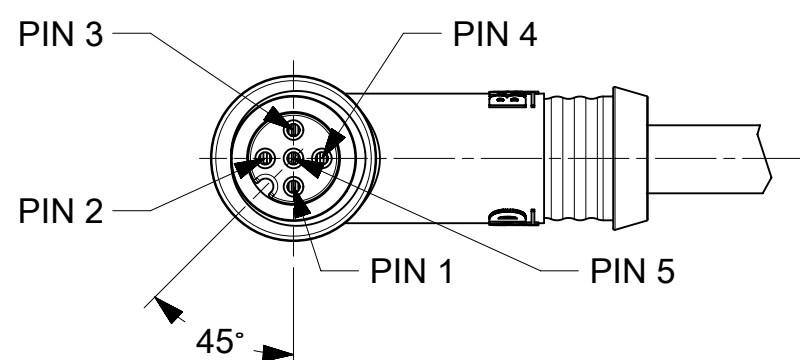
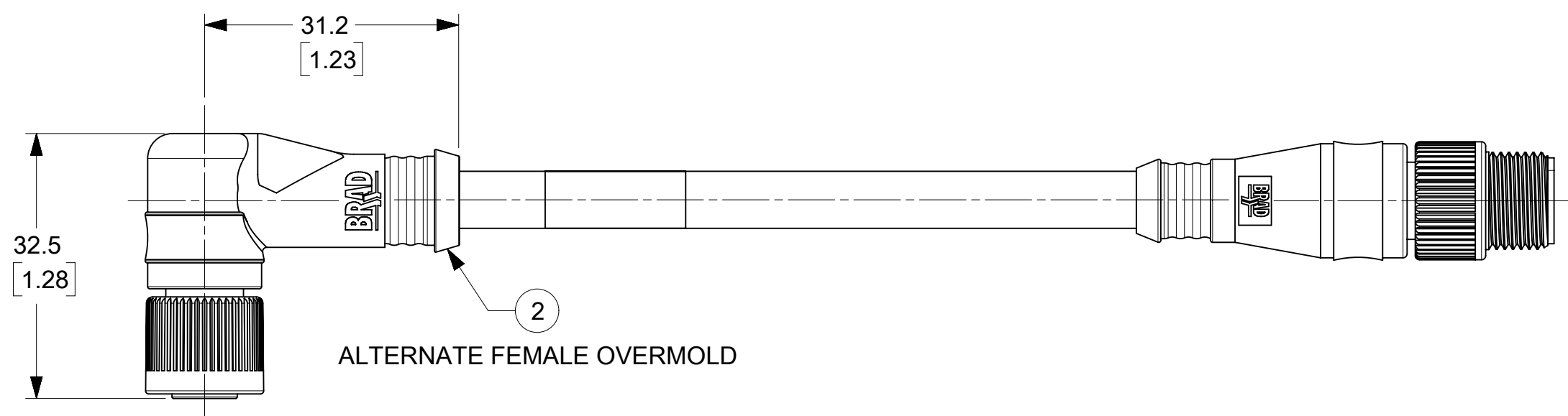
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]

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



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V AC/DC
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 F A = 0 F C = 0 F 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: REMOVED LEADING PIN NOTE			molex			
	MM/INCH		1.5:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
		MM	INCH	EC NO: 700917 DRWN: RSTONE2022/03/25 CHK'D: MZIELINSKI2022/03/25 APPR: BWOODMAN2022/03/29 INITIAL REVISION: DRWN: MKOWALCZYK012018/10/09 APPR: MIWASIECZKO2018/10/12				MICRO-CHANGE EXT CORD DEV-NET DROP MALE90/FEMALE STR, 22AWG			
	4 PLACES	±	±								
	3 PLACES	±	±				PRODUCT CUSTOMER DRAWING				
	2 PLACES	±	±								
	1 PLACE	±	±								
	0 PLACES	±	±	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
ANGULAR TOL		±	°								
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	

molex

MICRO-CHANGE EXT CORD DEV-NET DROP
MALE90/FEMALE STR, 22AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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1300280080	PSD	000	B2
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MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	

SEE P/N CHART	GENERAL MARKET	1 OF 1
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SELECT FIN CHART	GENERAL MARKET	TOP 1
	3	1

6

5

4

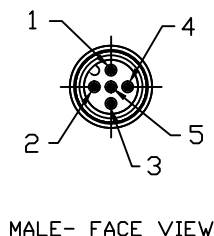
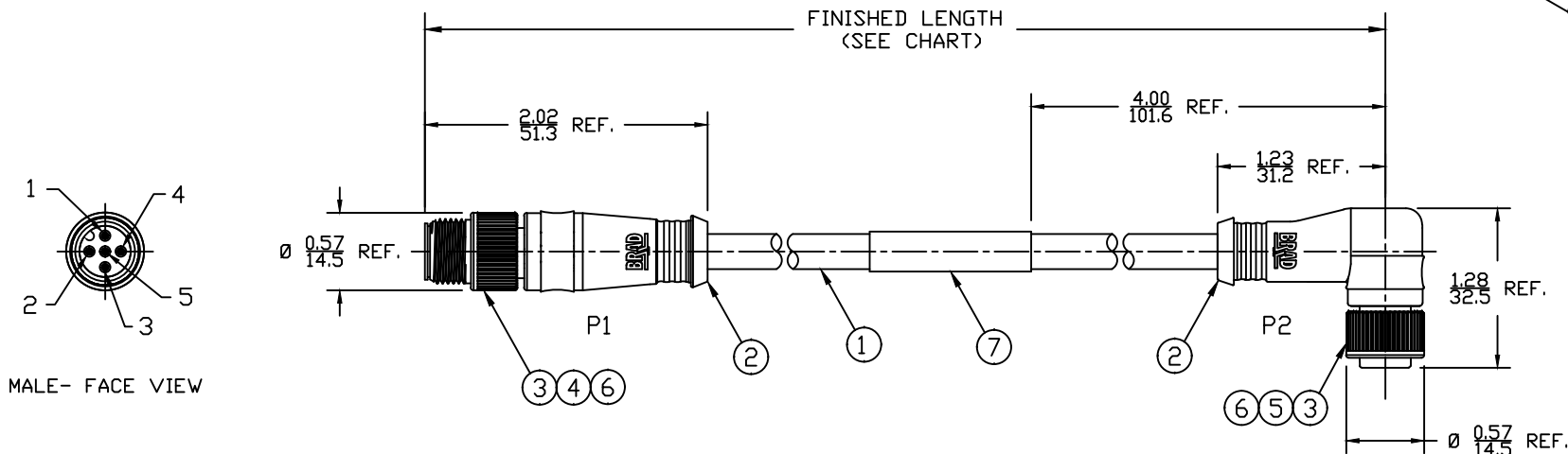
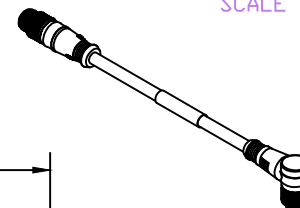
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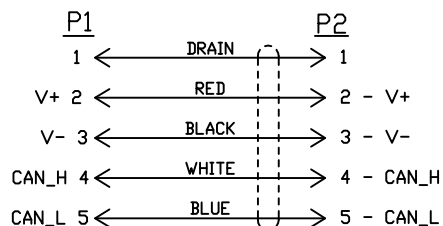
1

PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1300280083	DND32A-M005	1' 8" +1.75"/-0" [0.5M +44.5/-0 mm]
1300280084	DND32A-M007	2' 4" +1.75"/-0" [0.7M +44.5/-0 mm]
1300280085	DND32A-M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1300280089	DND32A-M030	9' 10" +3.50"/-0" [3M +88.9/-0 mm]
1300280091	DND32A-M050	16' 5" +6.50"/-0" [5M +165.1/-0 mm]

(B1)

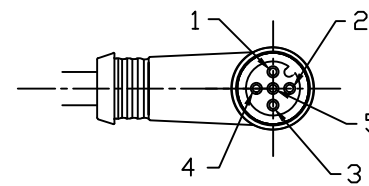
AUX VIEW
SCALE 1:4

MALE- FACE VIEW



SCHEMATIC

DND32A-M005

cable type
DEV-NET DROP
GRAY PVCcable length
005----.5 Meters
010----1 Meter
100----10 Meter

FEMALE- FACE VIEW

NOTES:

- MATERIAL: SEE TABLE
- FINISHES: SEE TABLE
- ELECTRICAL DATA:
MAX. VOLTAGE: 250V AC/DC
MAX. CURRENT 4A
- ENVIRONMENTAL:
PROTECTION IP67 (WHEN MATED)
TEMPERATURE RANGE: -20°C TO 80°C
- WRAP LABEL IS MARKED WITH P/N, DATE CODE,
VOLTAGE & AMPERAGE.
- DIMS SHOWN ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

TABLE

ITEM	DESCRIPTION	MATERIAL	FINISH
7	LABEL	VINYL	BLACK/YELLOW
6	INSERT	NYLON	BLACK
5	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
4	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	M12 COUPLING NUT	ZINC DIE-CAST	BLACK
2	OVERMOLD	PVC	GRAY
1	DEVICENET DROP CABLE, 2P, SHLD	PVC JACKET	GRAY

CORRECTED PINS FOR 5 & 7M
EC NO: IGC2017-0356
DRWN: RSTONE 10/3/16
CHKD: M ZIELIN 2016/10/04
APPR: TWOLDEGE

QUALITY
SYMBOLS
▽=0
▽C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±---°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY DATE
VOU 2009/07/30
CHECKED BY DATE
BWOODMAN 2009/07/31
APPROVED BY DATE

MATERIAL NO.
SEE CHART

SIZE
A

SCALE
---DESIGN UNITS
INCHTHIRD ANGLE
PROJECTION

TITLE
M12 DEVICENET CABLE ASSY
5P MALE/FEM ST/90
#22/4 SHLD PVC -THIN STD
MOLEX INCORPORATED

DOCUMENT NO.
SD-130028-002

SHEET NO.
1 OF 1

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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