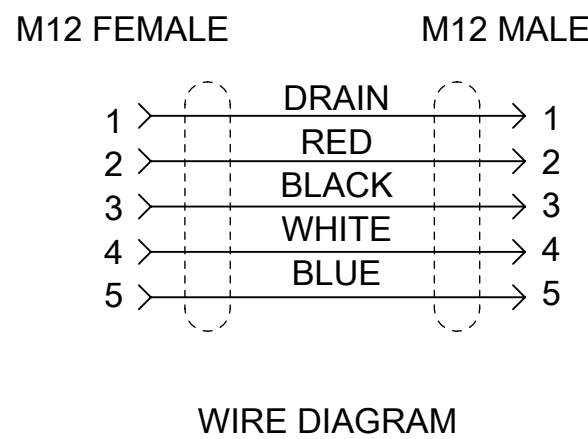
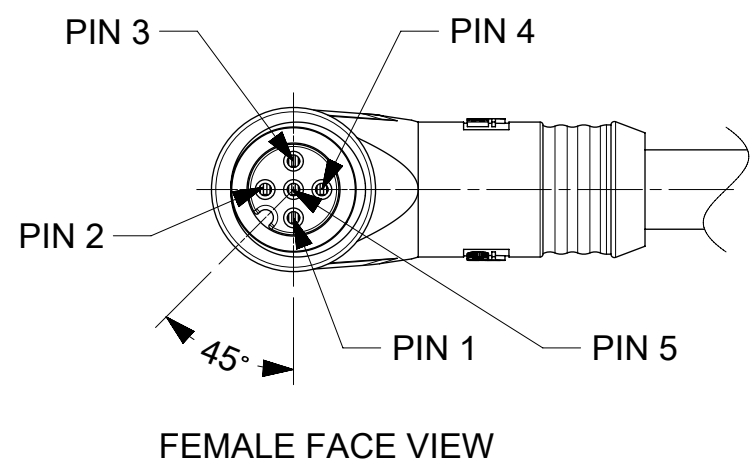
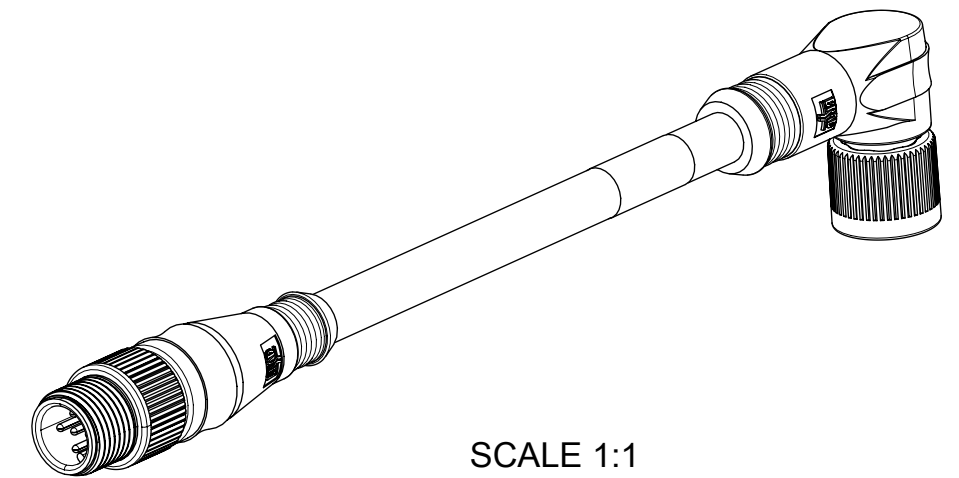
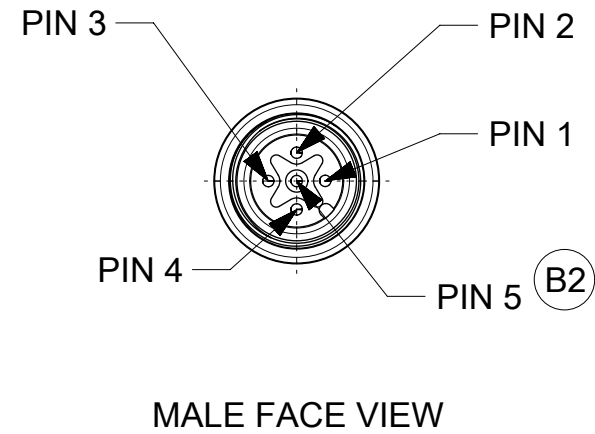
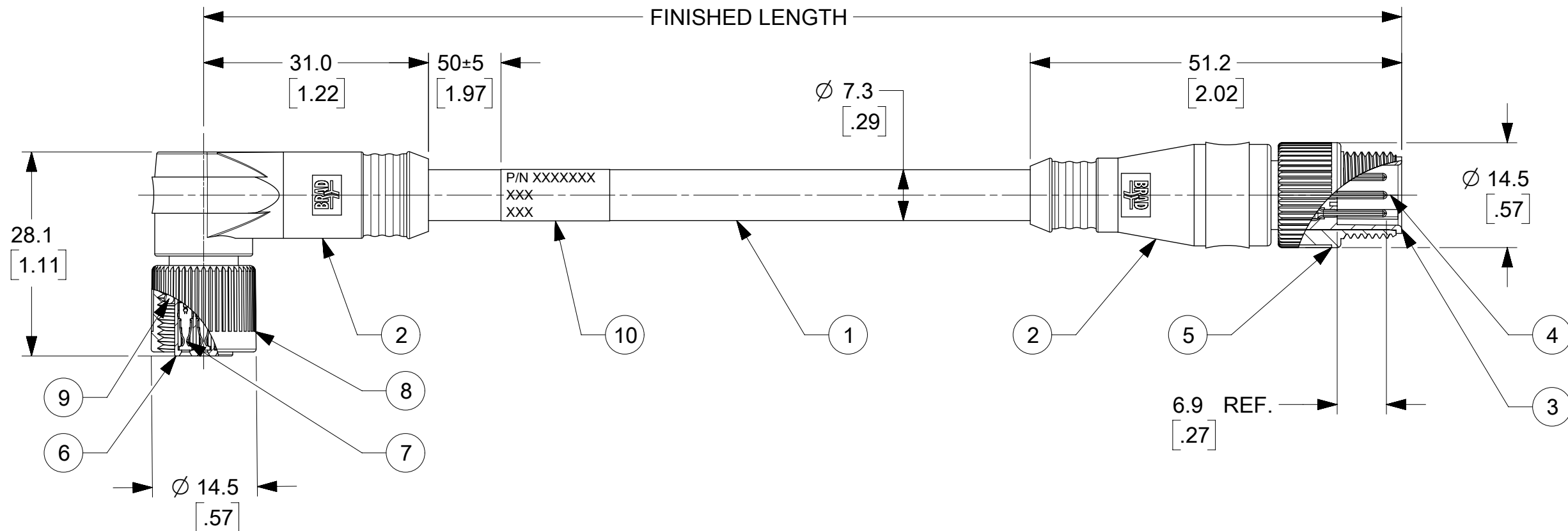


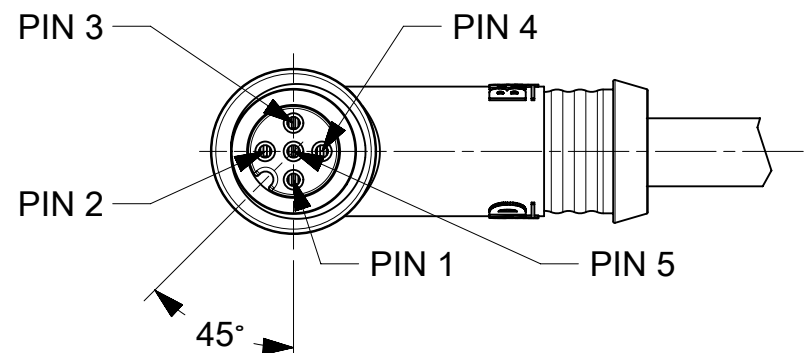
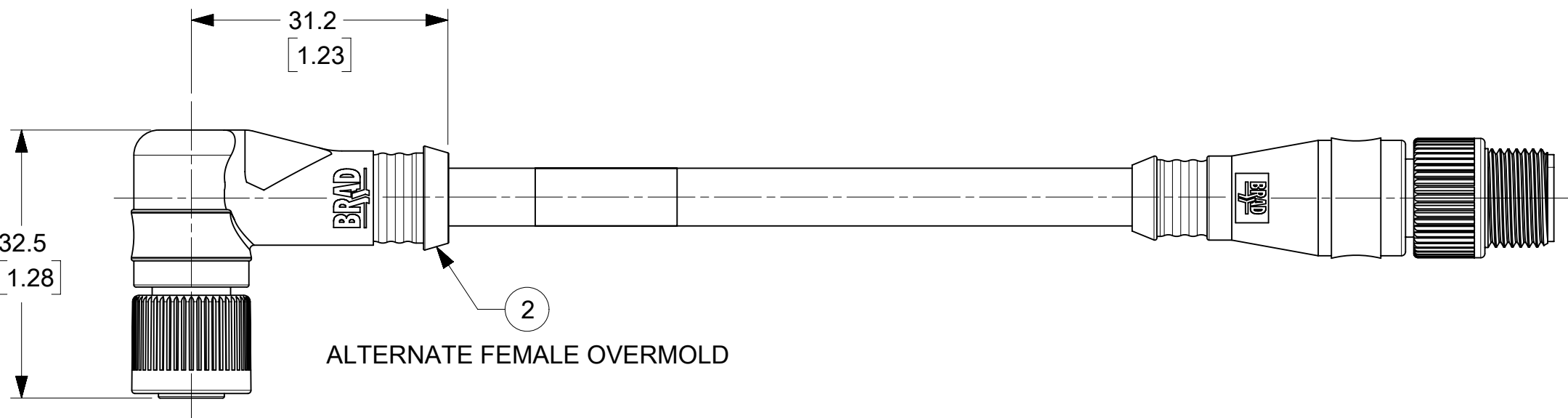


DND32A-M006

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



10	WRAP LABEL	VINYL	BLACK/YELLOW
9	O-RING	FPM (VITON)	RED
8	COUPLING NUT FEMALE M12	E-COAT	BLACK
7	CONTACT FEMALE	Cu ALLOY	GOLD PLATED
6	INSERT M12 5P FEMALE	NYLON	BLACK
5	COUPLING NUT MALE M12	E-COAT	BLACK
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; 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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
F_A = 0 F_C = 0 F_D = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED LEADING PIN NOTE			molex				
	MM/INCH		1.5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							MICRO-CHANGE EXT CORD DEV-NET DROP MALE90/FEMALE STR, 22AWG				
	MM	INCH										
DIVISIONAL SYMBOLS	4 PLACES	±	±	EC NO: 700917 DRWN: RSTONE 2022/03/25 CHK'D: MZIELINSKI 2022/03/25 APPR: BWOODMAN 2022/03/29 INITIAL REVISION: DRWN: MKOWALCZYK01 2018/10/09 APPR: MIWASIECZKO 2018/10/12			PRODUCT CUSTOMER DRAWING					
	3 PLACES	±	±									
	2 PLACES	±	±				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	1 PLACE	±	±				1300280080		PSD	000	B2	
	0 PLACES	±	±									
ANGULAR TOL ± °				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						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

1300280080

DOC TYPE

PSD

DOC PART

000

REVISION

B2

6

5

4

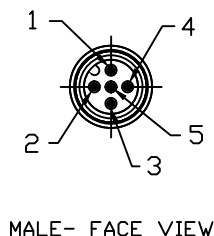
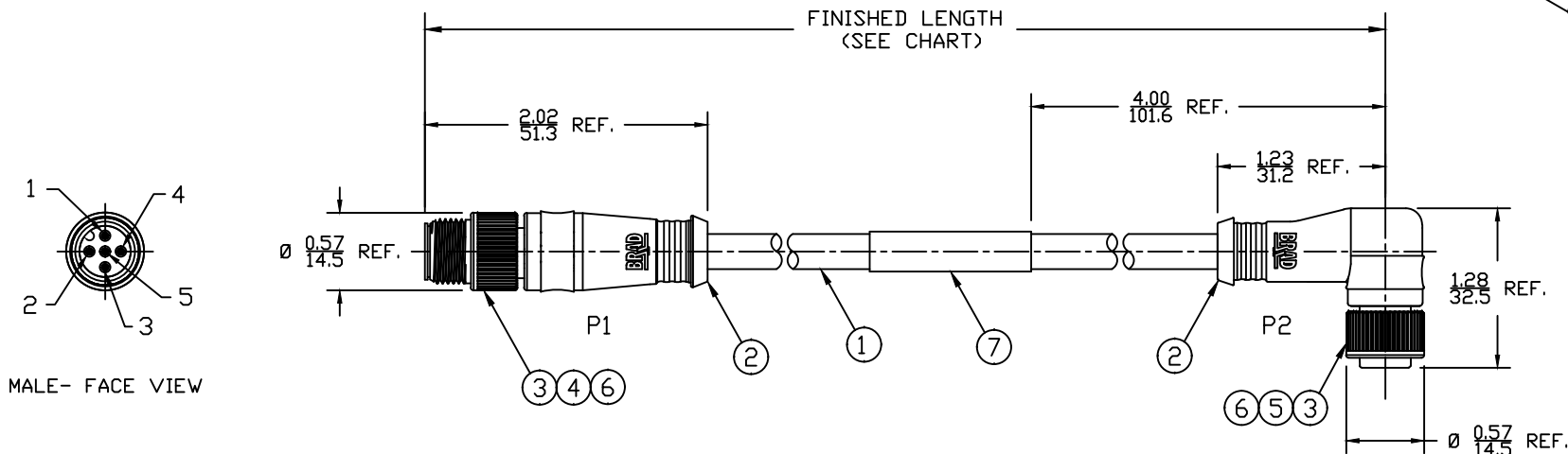
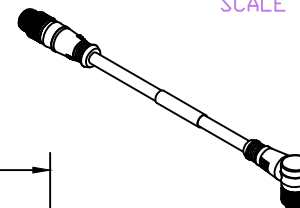
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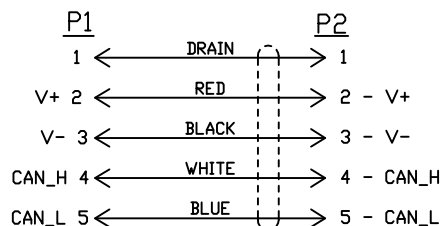
1

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)

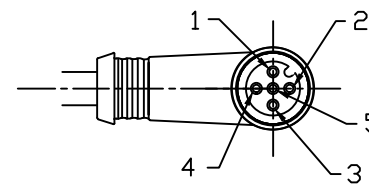
AUX VIEW
SCALE 1:4

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: IPC2017-0356
DRWN: RSTONE 10/3/16
CHKD: M ZIELIN 2016/10/04
APPR: TWOLDEGE

B1

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 DIMENSIONSDIMENSION STYLE
IN/MM

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

MATERIAL NO.
SEE CHARTSIZE
ASCALE
---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-130028-002SHEET NO.
1 OF 1THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
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6

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