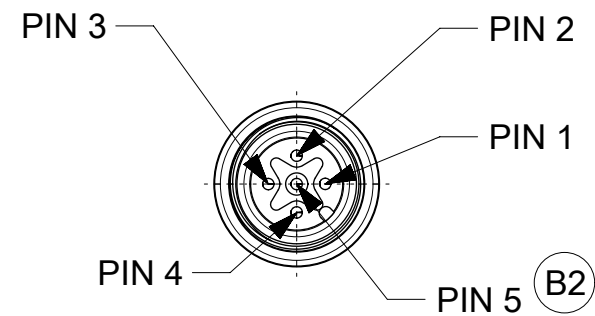
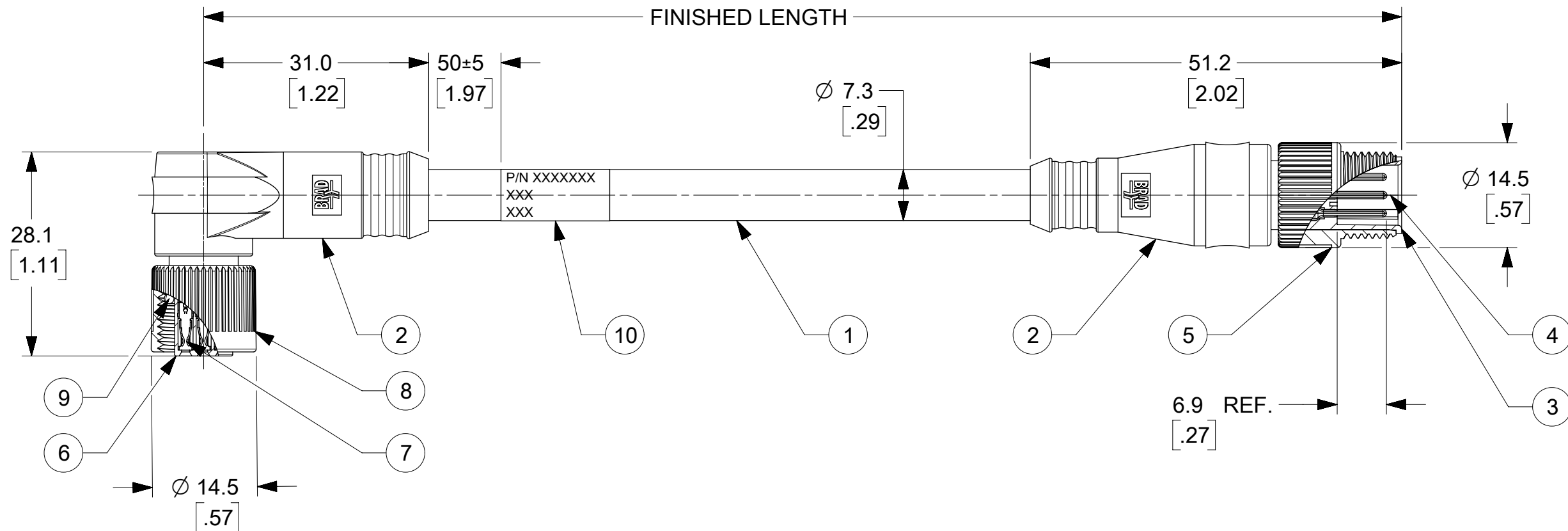
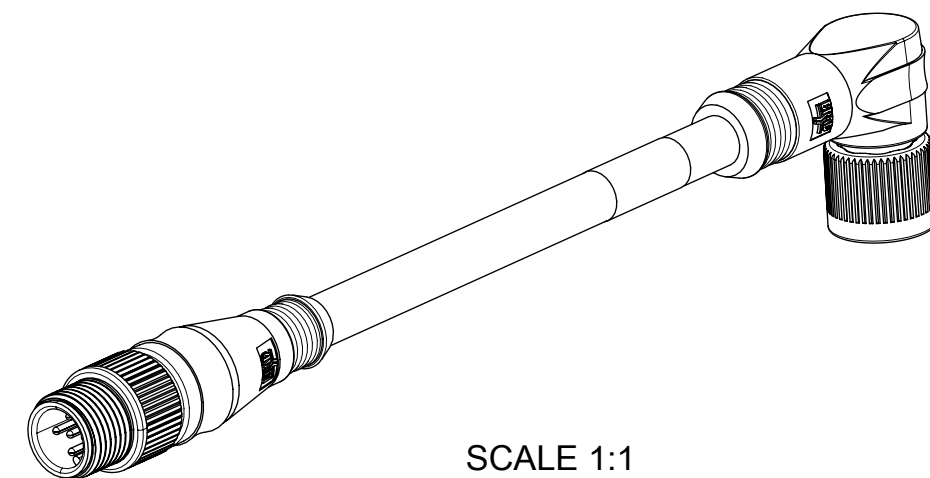
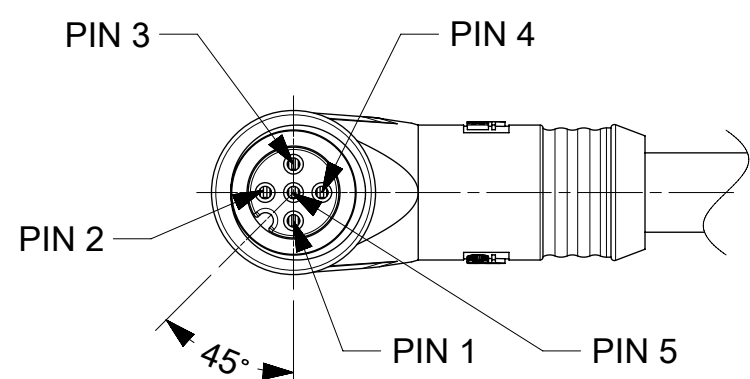




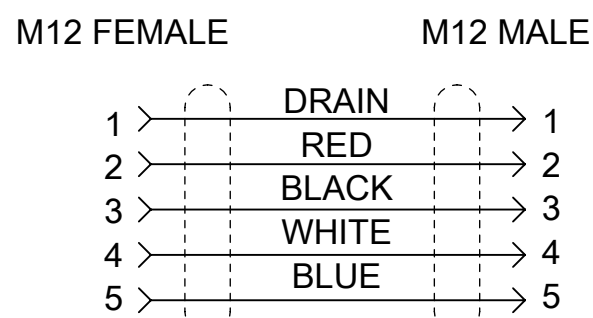
MALE FACE VIEW



SCALE 1:1



FEMALE FACE VIEW



WIRE DIAGRAM

DND32A-M006

LENGTH

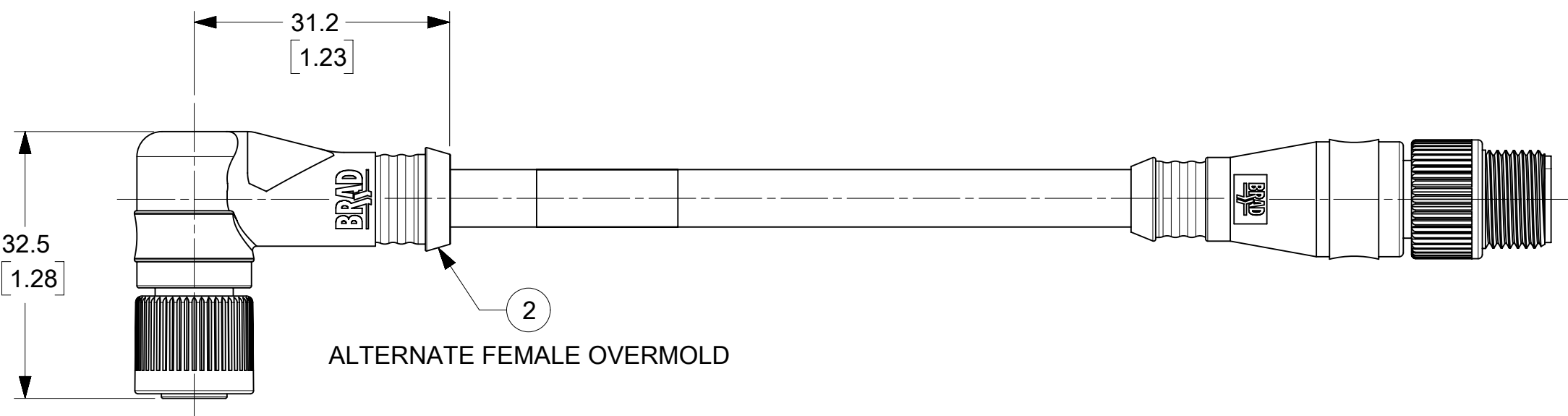
M001 = .1 METERS

M010 = 1.0 METERS

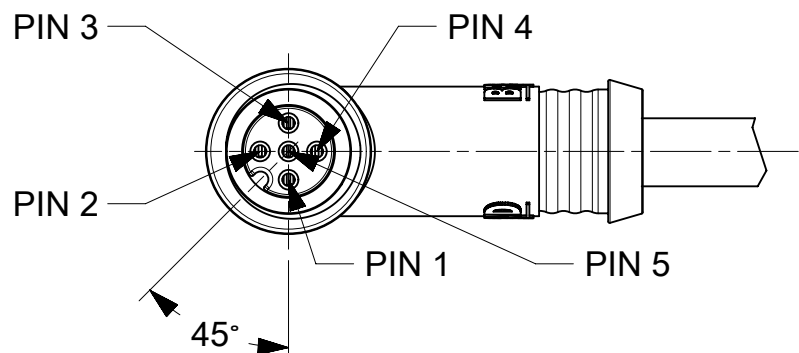
M100 = 10 METERS

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



ALTERNATE FEMALE OVERMOLD



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 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED LEADING PIN NOTE				molex MICRO-CHANGE EXT CORD DEV-NET DROP MALE90/FEMALE STR, 22AWG								
	MM/INCH		1.5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				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								
		MM	INCH														
	4 PLACES	±	±														
	3 PLACES	±	±														
	2 PLACES	±	±														
1 PLACE	±	±															
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	

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1300280080	PSD	000	B2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N CHART	GENERAL MARKET	1 OF 1

6

5

4

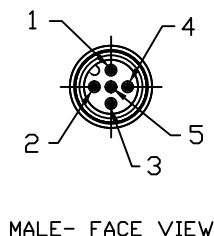
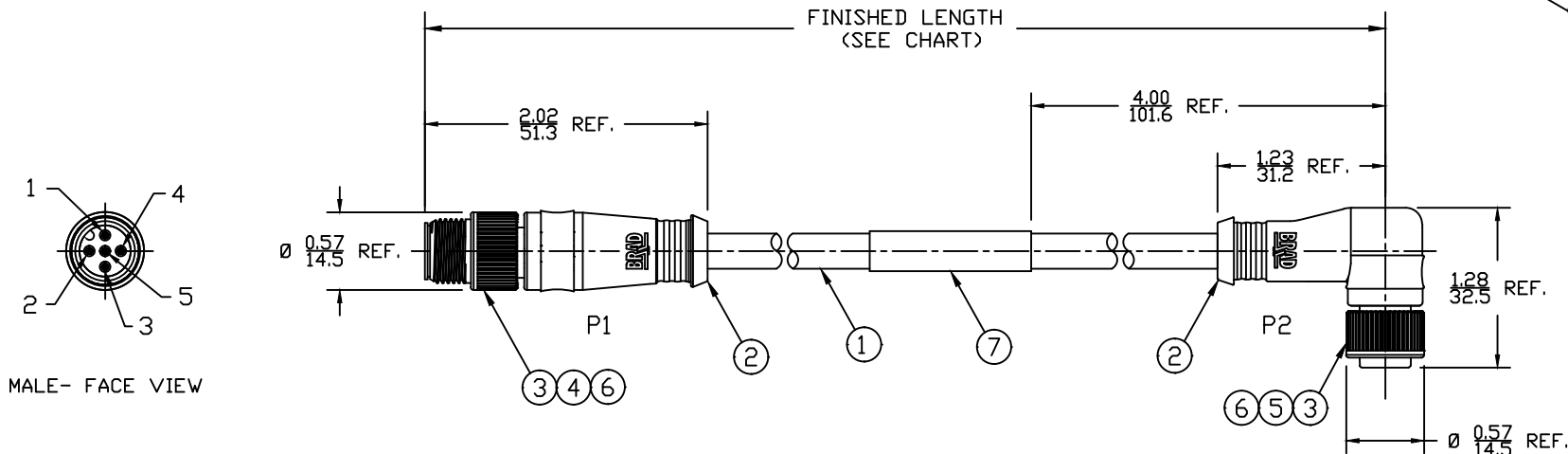
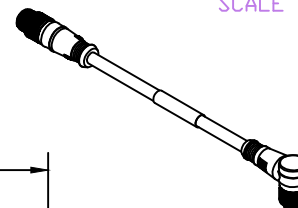
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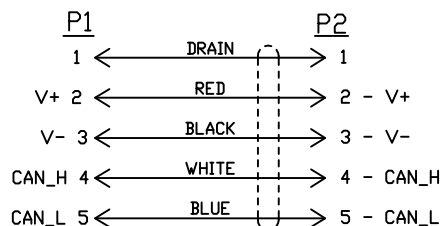
1

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)

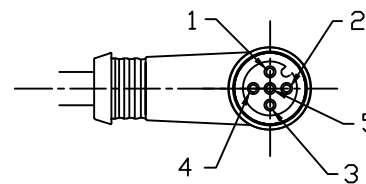
AUX VIEW
SCALE 1:4

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: IPC2017-0356
DRWN: RSTONE 10/3/16
CHKD: M ZIELIN 2016/10/04
APPR: TWOLDEGEQUALITY
SYMBOLS
▽=0
▽C=0
DESCRIPTION
REVGENERAL 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
PROJECTIONTITLE
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
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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