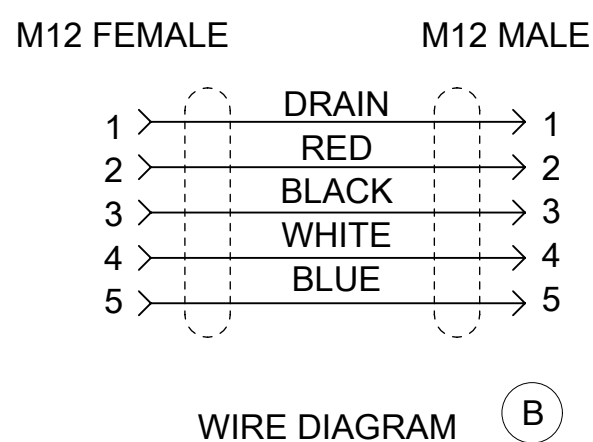
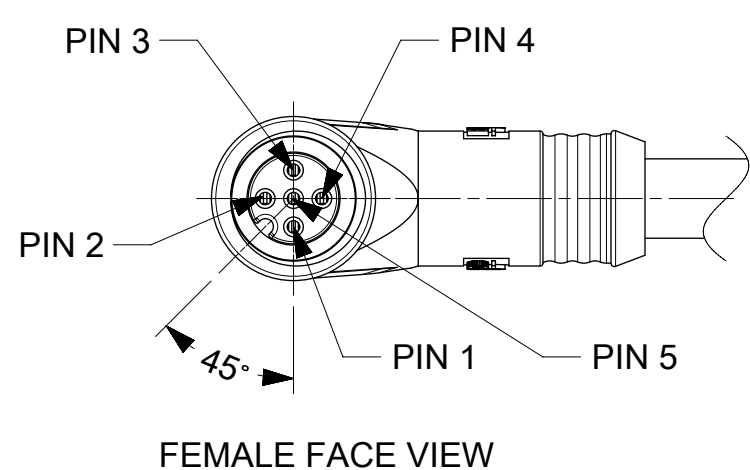
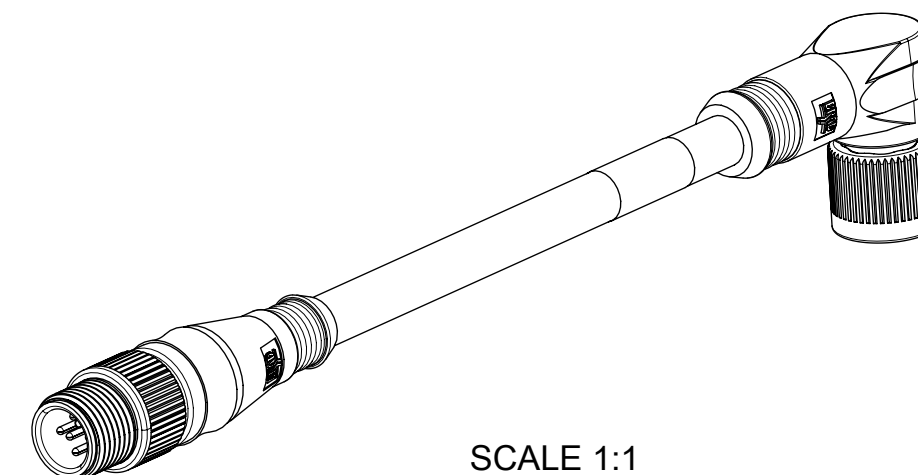
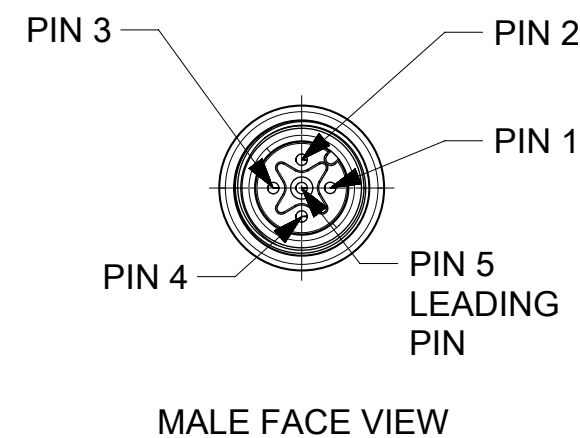
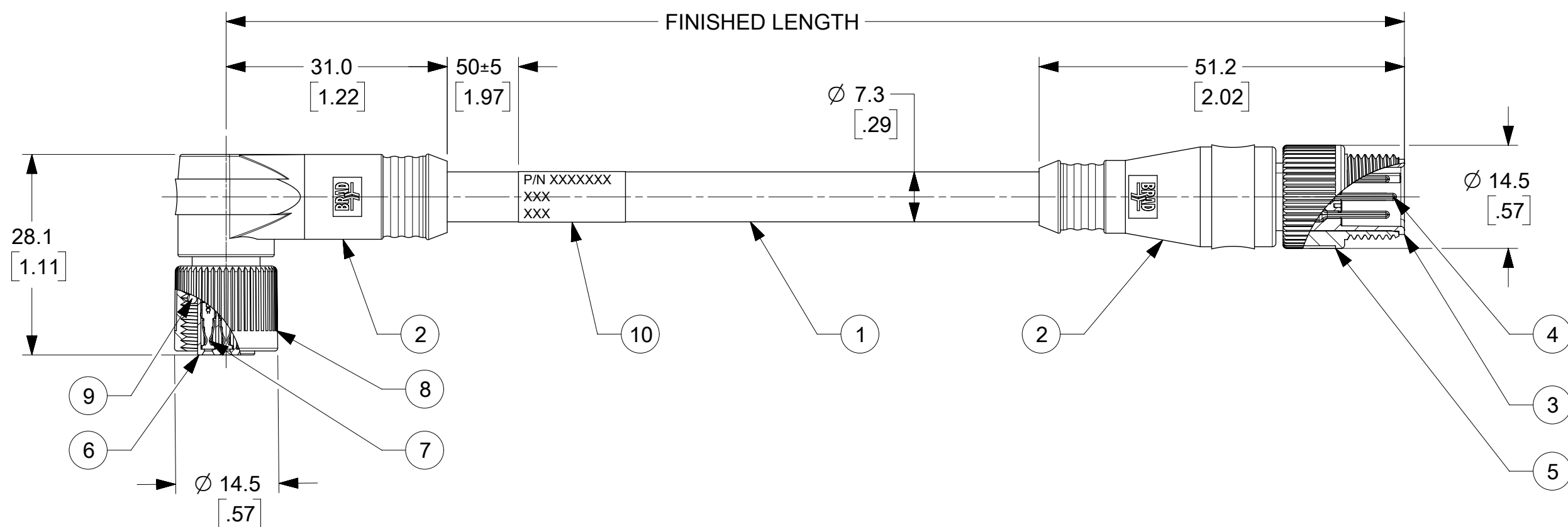




DND32A-M006

LENGTH

M001 = .1 METERS

M010 = 1.0 METERS

M100 = 10 METERS

PART NUMBER LEGEND

(B)

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]

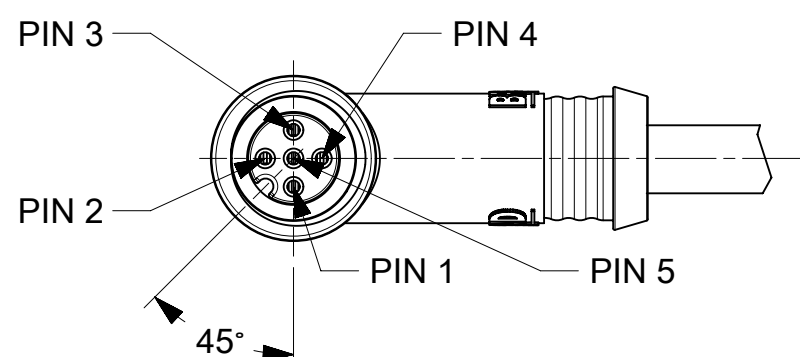
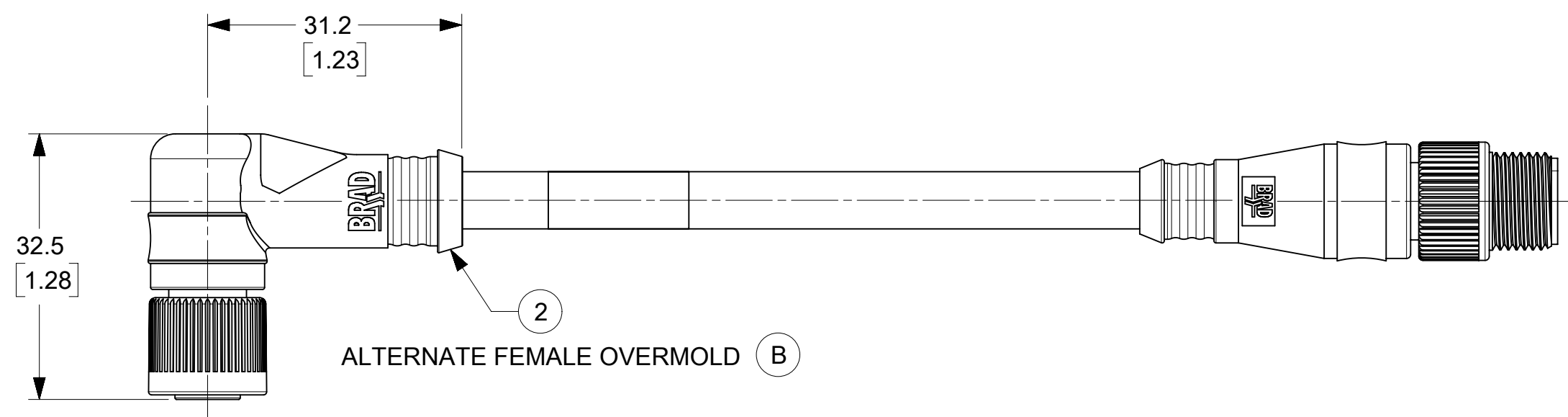
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]

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 4x0.34mm ² (22AWG)	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR

B

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														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD ALT O-MOLD, REV NOTES, ADD CABLE LENGTH TOLS, DIMS CHANGED TO MM/IN UPDATE BOM TABLE, CORRECT SHIELDING SHOWN ONWIRE DIAGRAM, ADD P/N 1200280088, REMOVE LENGTH TOLS, O-MOLD WAS PVC, ADD P/N LEGEND EC NO: 684019 DRWN: RSTONE2021/11/03 CHK'D: ALEON012021/11/05 APPR: BWOODMAN2021/11/11 INITIAL REVISION: DRWN: MKOWALCZYK012018/10/09 APPR: MIWASIECZKO2018/10/12					molex MICRO-CHANGE EXT CORD DEV-NET DROP MALE90/FEMALE STR, 22AWG					
F A = 0	MM/INCH		1.5:1												
F C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)														
F D = 0		MM	INCH												
	4 PLACES	±	±												
DIVISIONAL SYMBOLS		3 PLACES	±	±											
		2 PLACES	±	±											
		1 PLACE	±	±											
		0 PLACES	±	±											
		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					

6

5

4

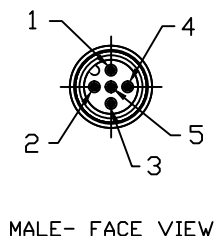
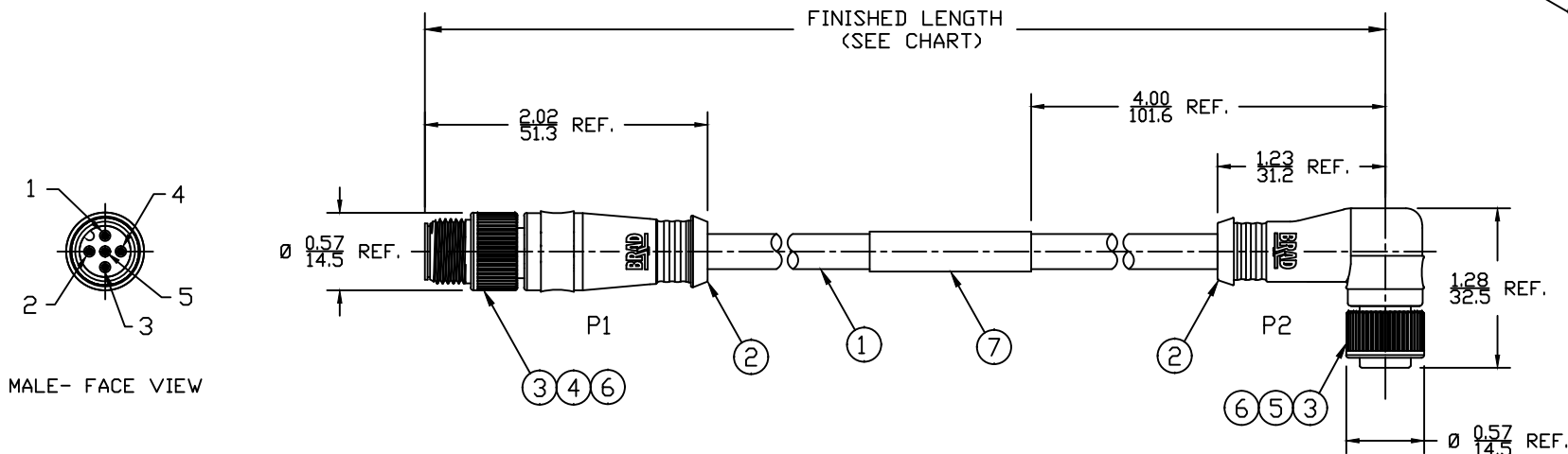
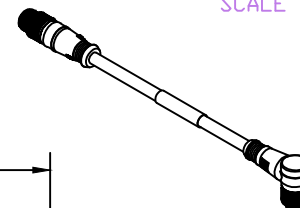
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2

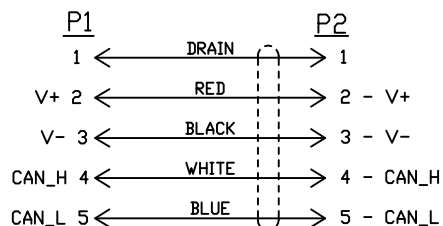
1

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)

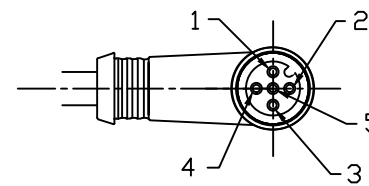
AUX VIEW
SCALE 1:4

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

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
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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4

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