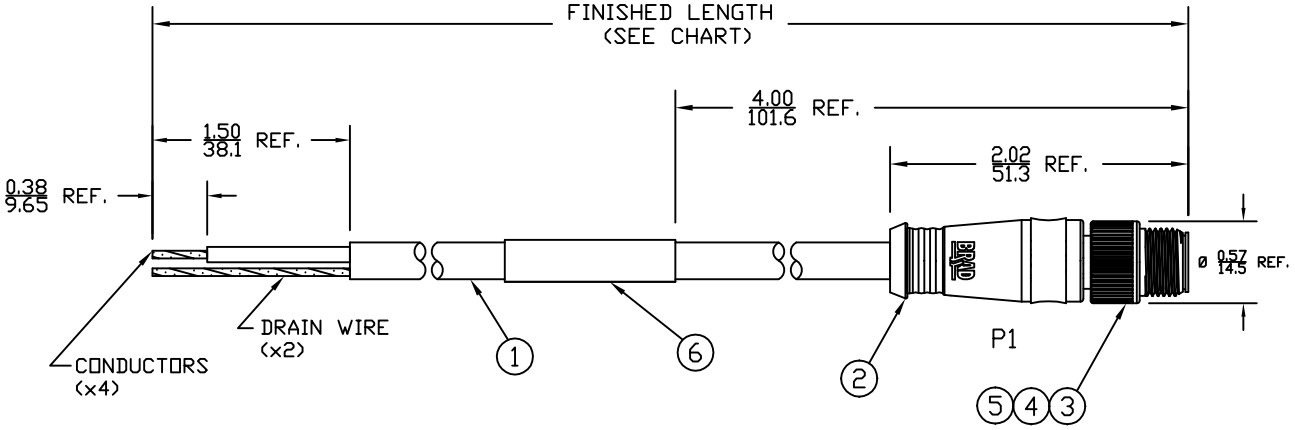
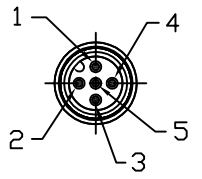
PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1300270103	DNDF02A-M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1300270159	DNDF02A-M030	9' 10" +3.50"/-0" [3M +88.9/-0 mm]
1300270106	DNDF02A-M050	16' 5" +6.50"/-0" [5M +165.1/-0 mm]

AUX VIEW
SCALE 1:4





MALE- FACE VIEW

NOTES:

1) MATERIAL: SEE TABLE

2) FINISHES: SEE TABLE

3) CABLE: #22/2, #24/2 + DRAIN, DEVICENET THIN HIGH FLEX
EACH PAIR: SHIELDED, TWISTED
OVERALL: SHIELDED, TPE

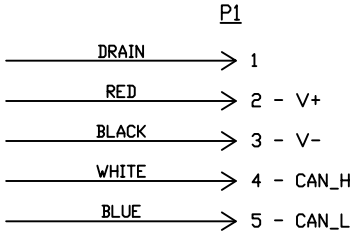
4) ELECTRICAL DATA:
MAX. VOLTAGE: 250V AC/DC
MAX. CURRENT 4A

5) ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 80°C

6) WRAP LABEL IS MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE.

7) ASSEMBLY IS RoHS COMPLIANT.

SCHEMATIC



ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	1	INSERT	NYLON	BLACK
4	5	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	1	M12 COUPLING NUT	ZINC DIE-CAST	BLACK
2	1	OVERMOLD	TPE	GRAY
1	1	DEVICENET CABLE	TPE JACKET	GRAY

SD RELEASE 8/4/09 —
EC NO: WNA2010-0076
DRWN: VOU
CH'KD: BWOODMAN
APPR: JFMURPHY 2009/08/10

REV	DESCRIPTION
A	

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±.005
2 PLACES	±----	±.010
1 PLACE	±----	±.020
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 3:4
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

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

TITLE: M12 DEVICENET CABLE ASSY
5P MALE STRAIGHT
#22/2 24/2 TPE -THIN FLX

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130027-004
SHEET NO.: 1 OF 1

SIZE: A

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

194290039 355240920 357470310 502584-1060 0194360214 347072012 347910140 464373005
502380-0800 528520870 348242245 502584-0870 0464363133 351820290 0351510214 197134001
347928042 502585-0370 0477256010 197054301 34708-2028 348268126 349672001 5023860371
194290026 528523070 194270031 459850483 503988100 528061110