

12

MATERIAL NUMBER

1300280068

1300280075

1300280077

11

ENGINEERING NUMBER

DND23A-M005

DND23A-M030

DND23A-M050

10

FINISHED LENGTH

0.5M [1FT 8 IN]

3M [9FT 10 IN]

5M [16FT 5 IN]

③

PART NUMBER LEGEND

DND23A-M005

FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

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 : 60V AC/DC
CURRENT: 4A

4. TEMP RATING: -20° TO +80°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: M12X1

7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837

8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERACED OR NOTED OTHERWISE

2

1

3

4

5

Ø.57
[14.5]

FEMALE-FACE VIEW

3

2

4

5

9

S1

4.00
[101.6]

1.84
[46.7]

FINISHED LENGTH

1.23
[31.2]

1.46
[37.1]

Ø.29
[7.4]

P/N XXXXXXXXX

10

1

9

8

6

7

P2

5

4

3

2

1

Ø.57
[14.5]

MALE-FACE VIEW

10	WRAP LABEL	VINYL	YELLOW
9	OVERMOLDS	TPC	GRAY
8	COUPLING NUT, MALE	ZINC DIE CAST	BLACK E-COAT
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	INSERT, MALE	NYLON	BLACK
5	COUPLING NUT, FEMALE	ZINC DIE CAST	BLACK E-COAT
4	O-RING	NITRILE	RED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	INSERT, FEMALE	NYLON	BLACK
1	DEVICENET, 22AWG DROP CABLE	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS

P1

RELEASE DATE

2024/09/19

14:13:04

12

11

10

9

8

7

6

5

4

3

2

1

FORMAT: IN/ACAD-B-000-C

REVISION: B

DATE: 2024/09/14

FUNCTIONAL SYMBOLS

FA=0

FC=0

FP=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

INCH/MM

SCALE

NTS

CURRENT REV DESC: CHANGED VOLTAGE RATING FROM 250V TO 60V. ADDED UL & CSA. MOFIED PN TABLE.

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES

±----

±----

3 PLACES

±----

±----

2 PLACES

±----

±----

1 PLACE

±----

±----

0 PLACES

±----

±----

ANGULAR TOL

±

°

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

EC NO: 796482

DRWN: ABENJAMINLW

CHK'D: LESPINOZA

APPR: BWOODMAN

INITIAL REVISION:

DRWN: TWOLDEGE

APPR: JFMURPHY

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

130028

DOCUMENT NUMBER

SD-130028-007

DOC TYPE

PSD

DOC PART

001

REVISION

C

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1