

4

3

2

1

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- N/A -

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PART NO.

DIM A $\triangle 3$

DIM B

REMARKS

837975-1

12.00 [304.8]

-

837975-2

36.00 [914.4]

-

837975-3

18.00 [457.2]

-

837975-4

8.00 [203.2]

.25 [6.3]

$\triangle 5$ OBSOLETE

837975-5

120.00 [3048.0]

.25 [6.3]

$\triangle 5$ OBSOLETE

837975-6

6.00 [152.4]

.25 [6.3]

$\triangle 5$

837975-7

30.00 [762.0]

.38 [9.7]

$\triangle 5$

837975-8

12.00 [304.8]

.38 [9.7]

$\triangle 5$

837975-9

48.00 [1219.2]

.38 [9.7]

$\triangle 5$

1-837975-0

15.75 [400.0]

-

$\triangle 5$ OBSOLETE

1-837975-1

10.00 [254.0]

.38 [9.7]

$\triangle 5$ OBSOLETE

1-837975-2

5.00 [127.0]

.38 [9.7]

$\triangle 5$ OBSOLETE

1-837975-3

7.00 [177.8]

.38 [9.7]

$\triangle 5$ OBSOLETE

1-837975-4

9.00 [228.6]

.38 [9.7]

$\triangle 5$

1-837975-5

16.00 [406.4]

.38 [9.7]

$\triangle 5$

1-837975-6

24.00 [609.6]

.38 [9.7]

$\triangle 5$

1-837975-7

60.00 [1524.0]

.38 [9.7]

$\triangle 5$ OBSOLETE

1-837975-8

72.00 [1828.8]

.38 [9.7]

$\triangle 5$

1-837975-9

420.00 [10668.0]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-0

240.00 [6096.0]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-1

158.00 [4013.2]

.38 [9.7]

$\triangle 5$

2-837975-2

197.00 [5003.8]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-3

276.00 [7010.4]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-4

1182.00 [30022.8]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-5

480.00 [12192.0]

.38 [9.7]

$\triangle 5$

2-837975-6

17.00 [431.8]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-7

360.00 [9144.0]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-8

78.75 [2000.2]

.38 [9.7]

$\triangle 5$ OBSOLETE

2-837975-9

40.00 [1016.0]

.38 [9.7]

$\triangle 5$ OBSOLETE

5-837975-9

48.00 [1219.2]

.38 [9.7]

$\triangle 6$

6-837975-4

9.00 [228.6]

.38 [9.7]

$\triangle 6$

6-837975-6

24.00 [609.6]

.38 [9.7]

$\triangle 6$

LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

-

S

REV PER ECO-13-006151

16APR13

KG

DE

1. MARKED PER MIL-STD-130.

2. LEADS WILL MATE WITH AMP LGH-3 RECEPTACLE WITH 1.81 [4.7] BARREL DEPTH.

$\triangle 3$ TOLERANCE OF LEAD LENGTH:
UP TO 24 INCHES [609.6] = ± 1.2 [± 3.0]
24 INCHES [609.6] & UP = $\pm 1\%$

4. OPERATING VOLTAGE: 40 KVDC AT 0 TO 70,000 FEET, -55°C TO 125°C.

$\triangle 5$ PIGTAIL IS SOLDER DIPPED.

$\triangle 6$ INSULATION CUT, BUT NOT REMOVED.

SOCKET, SIZE #16
MAT'L: LEADED COPPER PER ASTM-B-301
FINISH: GOLD PER ASTM-B-488
OVER NICKEL PER AMS-QQ-N-290

1.81 [46.0]

$\phi .315$ MAX [8.00]

SILICONE MLDG. CMPD.

WASHER, TEFLON
QTY = 2

CAP
MAT'L: EPOXY MLDG. CMPD.
COLOR: GREEN

.57 MAX [14.5]

$\phi 1.13$ MAX [28.7]

#16 AWG, Si INSUL WIRE, WHITE

$\phi .280$ MAX [7.11]

$\triangle 6$

DIM A $\triangle 3$

B ± 1.2 [± 3.0]
 $\triangle 5$

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER
ASME Y14.5M (ISO STANDARDS)

DIMENSIONS:
INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC $\pm$ -

1 PLC $\pm$ -

2 PLC $\pm .02$ [0.5]

3 PLC $\pm$ -

4 PLC $\pm$ -

ANGLES $\pm$ -

FINISH SEE CALLOUTS

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DIMENSIONING AND TOLERANCING PER
ASME Y14.5M (ISO STANDARDS)

DWN
C.C.THOMAS
02-MAY-94

CHK
D.EABY
04-MAY-94

APVD
D.EABY
04-MAY-94

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME
LEAD ASSY
SGL END
LGH-3

SIZE
A2

CAGE CODE
00779

DRAWING NO
837975

RESTRICTED TO
-

SCALE
2:1

SHEET
1 OF 1

REV
S

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[837975-3](#)