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LOC

DIST

REVISIONS

DF

SO

P	LTR	DESCRIPTION	DATE	DWN	APVD
	R1	REVISED PER ECO-11-005030	11MAR11	RK	HMR

PART NO.	A $\triangle 1$	B	
830637-1	11.00 [279.4]	-	
830637-2	24.00 [609.6]	-	
830637-3	6.50 [165.1]	.50 [12.7]	OBSOLETE
830637-4	9.00 [228.6]	-	
830637-5	36.00 [914.4]	.38 [9.7]	
830637-6	30.00 [762.0]	-	OBSOLETE
830637-7	72.00 [1828.8]	-	
830637-8	47.25 [1200.1]	.50 [12.7]	
830637-9	20.25 [514.3]	.50 [12.7]	
1-830637-0	8.00 [203.2]	.50 [12.7]	
1-830637-1	36.00 [914.4]	-	OBSOLETE
1-830637-2	12.00 [304.8]	.38 [9.7]	
1-830637-3	18.00 [457.2]	.38 [9.7]	
1-830637-4	108.00 [2743.2]	-	
1-830637-5	180.00 [4572.0]	-	OBSOLETE
1-830637-6	60.00 [1524.0]	.38 [9.7]	
1-830637-7	26.00 [660.4]	.38 [9.7]	OBSOLETE
1-830637-8	42.00 [1066.8]	.38 [9.7]	
1-830637-9	54.00 [1371.6]	.38 [9.7]	OBSOLETE
2-830637-0	5.00 [127.0]	.38 [9.7]	OBSOLETE
2-830637-1	16.00 [406.4]	.38 [9.7]	
2-830637-2	264.00 [6705.6]	.38 [9.7]	OBSOLETE
2-830637-3	17.00 [431.8]	.50 [12.7]	
2-830637-4	48.00 [1219.2]	.38 [9.7]	
2-830637-6	10.25 [260.3]	.38 [9.7]	
2-830637-6	10.25 [260.3]	.38 [9.7]	
2-830637-7	14.00 [355.6]	.38 [9.7]	
2-830637-8	24.00 [609.6]	.38 [9.7]	
2-830637-9	240.00 [6096.0]	.38 [9.7]	OBSOLETE
3-830637-0	84.00 [2133.6]	.38 [9.7]	
3-830637-1	120.00 [3048.0]	.38 [9.7]	OBSOLETE
3-830637-2	96.00 [2438.4]	.38 [9.7]	OBSOLETE
3-830637-3	20.00 [508.0]	.38 [9.7]	
3-830637-4	15.00 [381.0]	.38 [9.7]	
3-830637-5	4.00 [101.6]	.38 [9.7]	OBSOLETE
3-830637-6	118.00 [2997.2]	.38 [9.7]	
3-830637-7	25.00 [635.0]	.38 [9.7]	OBSOLETE
3-830637-8	300.00 [7620.0]	.38 [9.7]	OBSOLETE
3-830637-9	196.88 [5000.8]	.38 [9.7]	
4-830637-0	144.00 [3657.6]	.38 [9.7]	OBSOLETE
4-830637-1	591.00 [15011.4]	.38 [9.7]	OBSOLETE
4-830637-2	30.00 [762.0]	.38 [9.7]	OBSOLETE
4-830637-3	16.00 [406.4]	.38 [9.7]	OBSOLETE
4-830637-4	158.00 [4013.2]	.38 [9.7]	
4-830637-5	237.00 [6019.8]	.38 [9.7]	
4-830637-6	19.75 [501.6]	.38 [9.7]	
4-830637-7	9.00 [228.6]	.38 [9.7]	OBSOLETE
4-830637-8	13.00 [330.2]	.38 [9.7]	OBSOLETE
4-830637-9	315.00 [8001.0]	-	OBSOLETE
5-830637-0	12.25 [311.15]	-	
5-830637-1	59.00 [1498.6]	.38 [9.7]	

SOCKET; SIZE #16
MAT'L: LEADED COPPER PER ASTM-B-301
FINISH: GOLD PER MIL-G-45204
OVER NICKEL PER QQ-N-290

$\triangle 1$

B $\pm .06$
[± 1.5]

1.69
[42.9]

.53 MAX
[13.4]

$\phi .84$ MAX
[21.3]

$\phi .280$
: $\phi .265$
[7.11]
[6.73]

$\phi .281$ MIN
[7.13]

MOLDED END
SILICONE RUBBER

WASHER,TEFLON
QTY = 2

CAP
MAT'L: POLYCARBONATE
MLDG. CMPD.
COLOR: RED

#16 AWG SILICONE
INSULATED LEAD WIRE
COLOR: WHITE

$\triangle 1$ TOLERANCE OF LEAD LENGTH:
UP TO 24 INCHES [609.6] = $\pm .12$ [± 3.0]
24 INCHES [609.6] & UP = $\pm 1\%$

2. MARKED PER MIL-STD-130.

3. PIGTAIL IS SOLDER DIPPED.

4. TO MATE WITH AMP LGH-1L
RECEPTACLE WITH 1.69 [42.93] BARREL DEPTH.

5. OPERATING VOLTAGE: 25 KVDC AT 0 TO 70,000
FEET; -55° C TO 125° C.

6. MIN LEAD LENGTH IS 5.00 [127.0].

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

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

MATERIAL
SEE CALLOUTS

SEE CALLOUTS

DWN
C.C.THOMAS
12-5-90

CHK
D.OPLINGER
12-12-91

APVD
D.OPLINGER
12-12-91

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

LEAD ASSY, SGL. END, LGH-1L
-

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=830637

RESTRICTED TO
-

SCALE
2:1

SHEET
1 OF 1

REV
R1

1471-9 (3/11)

830637

A

B

C

D

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-830637-3](#)