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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

J

REV PER ECO 12-021676

12-11-12

CT

DE

PART NO.	A 	B	REMARKS
863705-1	11.00 [279.4]	-	 OBSOLETE
863705-2	24.00 [609.6]	-	 OBSOLETE
863705-3	6.50 [165.1]	.50 [12.7]	 OBSOLETE
863705-4	9.00 [228.6]	-	 OBSOLETE
863705-5	36.00 [914.4]	.38 [9.7]	
863705-6	30.00 [762.0]	-	
863705-7	72.00 [1828.8]	-	 OBSOLETE
863705-8	47.25 [1200.1]	.50 [12.7]	 OBSOLETE
863705-9	20.25 [514.3]	.50 [12.7]	 OBSOLETE
1-863705-0	8.00 [203.2]	.50 [12.7]	
1-863705-1	36.00 [914.4]	-	 OBSOLETE
1-863705-2	12.00 [304.8]	.38 [9.7]	
1-863705-3	18.00 [457.2]	.38 [9.7]	 OBSOLETE
1-863705-4	108.00 [2743.2]	-	 OBSOLETE
1-863705-5	180.00 [4572.0]	-	 OBSOLETE
1-863705-6	60.00 [1524.0]	.38 [9.7]	
1-863705-7	26.00 [660.4]	.38 [9.7]	 OBSOLETE
1-863705-8	42.00 [1066.8]	.38 [9.7]	 OBSOLETE
1-863705-9	54.00 [1371.6]	.38 [9.7]	 OBSOLETE
2-863705-0	5.00 [127.0]	.38 [9.7]	 OBSOLETE
2-863705-1	6.00 [152.4]	.38 [9.7]	 OBSOLETE
2-863705-2	264.00 [6705.6]	.38 [9.7]	 OBSOLETE
2-863705-3	17.00 [431.8]	.50 [12.7]	 OBSOLETE
2-863705-4	48.00 [1219.2]	.38 [9.7]	 OBSOLETE
2-863705-5	15.75 [400.0]	-	
2-863705-6	10.25 [260.3]	.38 [9.7]	
2-863705-7	14.00 [355.6]	.38 [9.7]	 OBSOLETE
2-863705-8	24.00 [609.6]	.38 [9.7]	 OBSOLETE
2-863705-9	240.00 [6096.0]	.38 [9.7]	 OBSOLETE
3-863705-0	84.00 [2133.6]	.38 [9.7]	 OBSOLETE
3-863705-1	120.00 [3048.0]	.38 [9.7]	 OBSOLETE
3-863705-2	96.00 [2438.4]	.38 [9.7]	 OBSOLETE
3-863705-3	20.00 [508.0]	.38 [9.7]	 OBSOLETE
3-863705-4	15.00 [381.0]	.38 [9.7]	 OBSOLETE
3-863705-5	4.00 [101.6]	.38 [9.7]	
3-863705-6	118.00 [2997.2]	.38 [9.7]	 OBSOLETE
3-863705-7	25.00 [635.0]	.38 [9.7]	 OBSOLETE
3-863705-8	30.00 [762.0]	.38 [9.7]	 OBSOLETE
3-863705-9	4.00 [101.6]	.38 [9.7]	 
6-863705-0	8.00 [203.2]	.50 [12.7]	
7-863705-8	24.00 [609.6]	.38 [9.7]	

SOCKET; SIZE #16

MAT'L: LEADED COPPER PER ASTM-B-301

FINISH: GOLD PER ASTM-B-488

OVER NICKEL PER AMS-QQ-N-290

1.69

[42.9]

.46 MAX

[11.7]

Ø.63 MAX

[16.0]

Ø.281 MIN

[7.13]

MOLDED END

SILICONE RUBBER

WASHER, TEFLON

QTY = 2

CAP

MAT'L: POLYESTER

MLDG. CMPD.

COLOR: RED

Ø.280 MAX

[7.11]

#16 AWG SILICONE

INSULATED LEAD WIRE

COLOR: WHITE

A 

B ±.12

[±3.0]



1

TOLERANCE OF LEAD LENGTH:

UP TO 24 INCHES [609.6] = ±.12 [±3.0]

24 INCHES [609.6] & UP = ±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.



3-863705-9 IS PACKAGED PER CUSTOMER

SPEC 301-0002-330.



INSULATION CUT, BUT NOT REMOVED.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C.C.THOMAS 24-MAR-93

CHK S.GLATFELTER 01-APR-93

APVD S.GLATFELTER 01-APR-93

PRODUCT SPEC

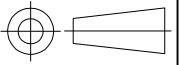
APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

DIMENSIONS:

INCHES [mm]



MATERIAL SEE CALLOUTS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± .02 [0.5]

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH SEE CALLOUTS

TE Connectivity

NAME LEAD ASSY

SGL END

LGH-1L

SIZE A2

CAGE CODE 00779

DRAWING NO C=863705

RESTRICTED TO -

SCALE 2:1

SHEET 1 OF 1

REV J

1471-9 (3/11)

863705

Mouser Electronics

Authorized Distributor

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[3-863705-9](#)