

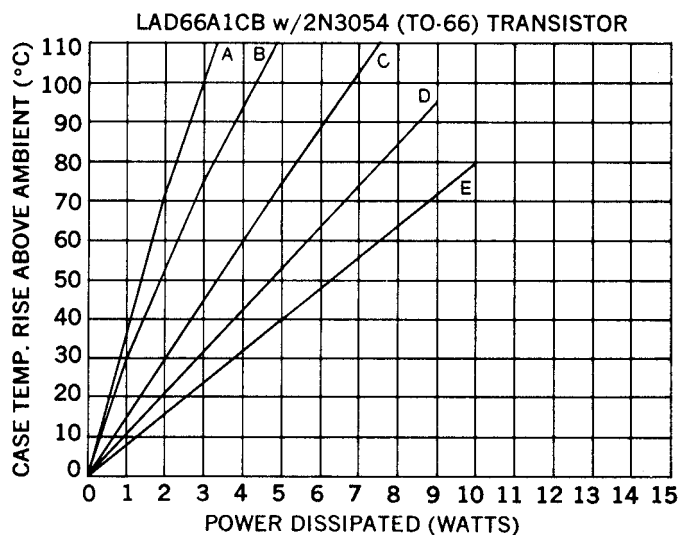
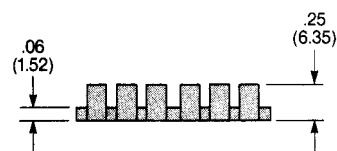
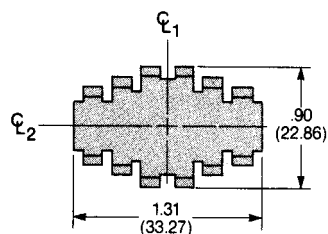
METAL CASE, CASE-MOUNTED SEMICONDUCTORS

Part Number Series LA-A1

Natural Conv. ($^{\circ}\text{C/W}$): 28.9

Forced Air ($^{\circ}\text{C/W}$): 8.1

Mounting Envelope: 1.31" x .90" x .25"



DESCRIPTION OF CURVES

- A. N.C. Horiz. Device Only Mounted to G-10.
- B. N.C Horiz. & Vert. With Dissipator.
- C. 200 FPM w/Diss.
- D. 500 FPM w/Diss.
- E. 1000 FPM w/Diss.

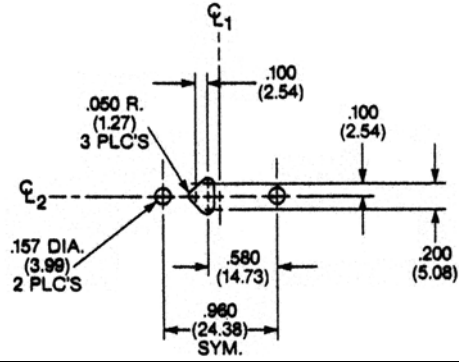
- Thermal Resistance Case to Sink is 0.5-0.7 $^{\circ}\text{C/W}$ w/Joint Compound.
- Derate 0.3 $^{\circ}\text{C/watt}$ for unplated part in natural convection only.
- Derate 0.8 $^{\circ}\text{C/watt}$ for Insulube[®] part in natural convection only.

Ordering Information

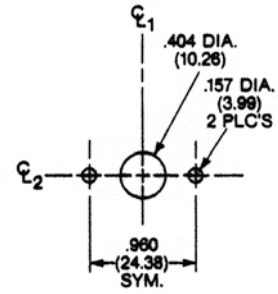
CTS IERC PART NO.			Semiconductor Accommodated	Hole patt. ref. no.	Max. Weight (Grams)
Unplated	Comm'l. Black Anodize	Mil. Black Anodize			
LA000A1U	LA000A1CB	LA000A1B	Undrilled	--	3.1
LAD66A1U	LAD66A1CB	LAD66A1B	TO-66	1 (see below)	3.1
LAIC66A1U	LAIC66A1CB	LAIC66A1B	TO-66IC	7 (see below)	3.1

HOLE PATTERNS

1. Hole Pattern no. 248 accommodates TO-66s. Available in LA-A, LA-B and LB series heat dissipators only.



7. Hole pattern no. 191 accommodates To-66 lcs. Available in LA-A, LA-B, and LB series heat dissipators only.



CTS IERC, Heat Sinks and Thermal Management Solutions

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