

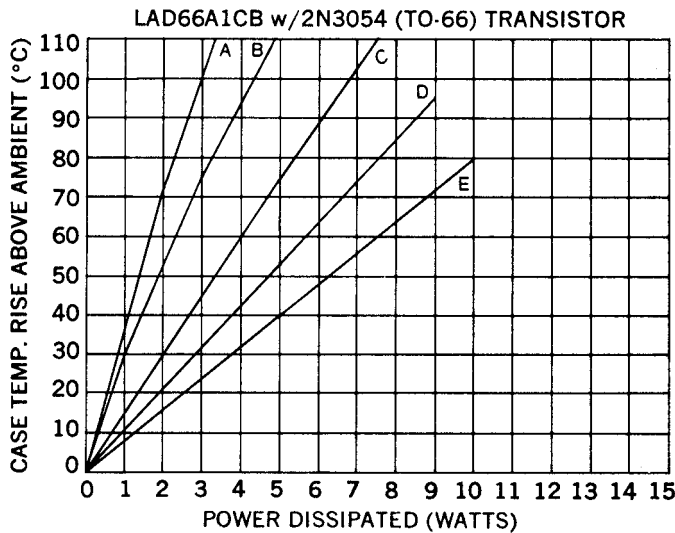
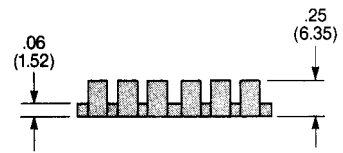
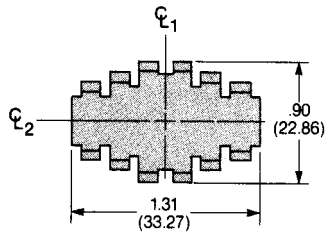
### METAL CASE, CASE-MOUNTED SEMICONDUCTORS

Part Number Series LA-A1

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

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

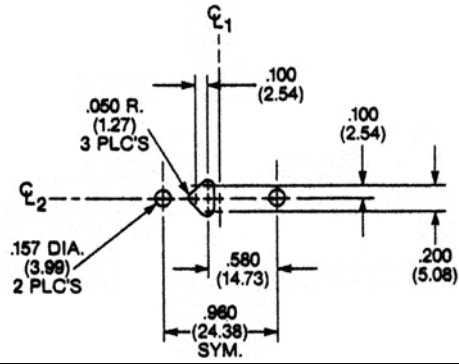
- Thermal Resistance Case to Sink is 0.5-0.7  $^{\circ}\text{C}/\text{W}$  w/Joint Compound.
- Derate 0.3  $^{\circ}\text{C}/\text{watt}$  for unplated part in natural convection only.
- Derate 0.8  $^{\circ}\text{C}/\text{watt}$  for Insulube<sup>®</sup> part in natural convection only.

### Ordering Information

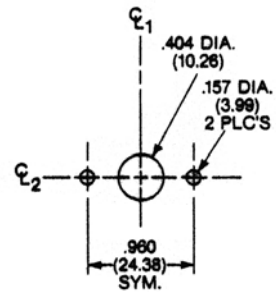
CTS IERC PART NO.			Semiconductor Accommodated	Hole patt. ref. no.	Max. Weight (Grams)
Unplated	Comm'l. Black Anodize	Mil. Black Anodize			
LA000A1U	LA000A1CB	LA000A1B	Undrilled	--	3.1
LAD66A1U	LAD66A1CB	LAD66A1B	TO-66	1 (see below)	3.1
LAIC66A1U	LAIC66A1CB	LAIC66A1B	TO-66IC	7 (see below)	3.1

### 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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Rev. 08-29-03