

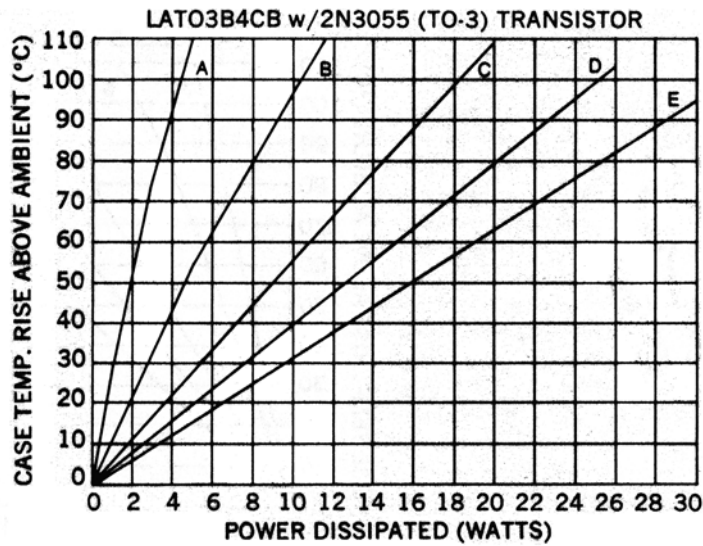
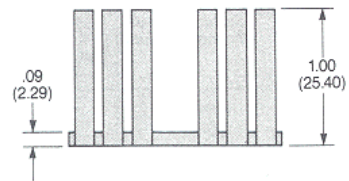
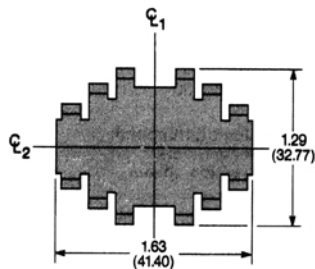
### METAL CASE, CASE-MOUNTED SEMICONDUCTORS

Part Number Series LA-B4

Natural Conv. (°C/W): 10.3

Forced Air (°C/W): 3.2

Mounting Envelope: 1.63" x 1.29" x 1.00"



#### 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.

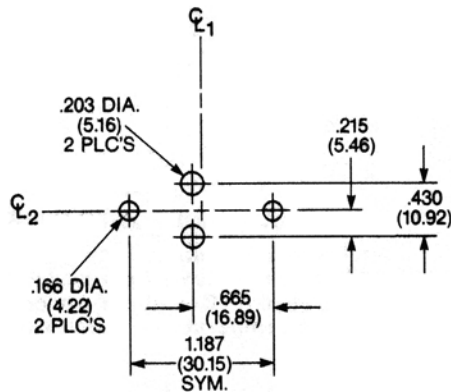
- Thermal Resistance Case to Sink is 0.1-0.3 °C/W w/Joint Compound.
- Derate 0.7 °C/watt for unplated part in natural convection only.

## Ordering Information

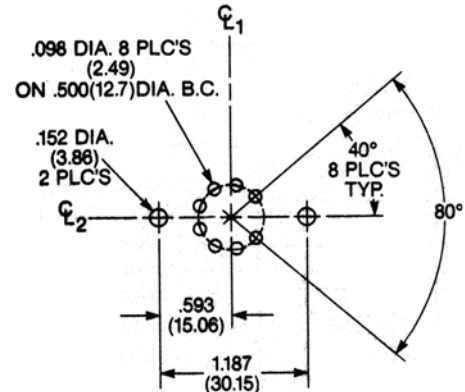
| CTS IERC PART NO. |                       |                    | Semiconductor Accommodated | Hole patt. ref. no. | Max. Weight (Grams) |
|-------------------|-----------------------|--------------------|----------------------------|---------------------|---------------------|
| Unplated          | Comm'l. Black Anodize | Mil. Black Anodize |                            |                     |                     |
| LA000B4U          | LA000B4CB             | LA000B4B           | Undrilled                  | --                  | 12.9                |
| LAT03B4U          | LAT03B4CB             | LAT03B4B           | TO-3                       | 2                   | 12.9                |
| LAIC3B4U          | LAIC3B4CB             | LAIC3B4B           | TO-3 IC                    | 4                   | 12.9                |
| LA407B4U          | LA407B4CB             | LA407B4B           | TO-3 (4-pin)               | 5                   | 12.9                |
| LA394B4U          | LA394B4CB             | LA394B4B           | Universal                  | 8                   | 12.9                |

### HOLE PATTERNS

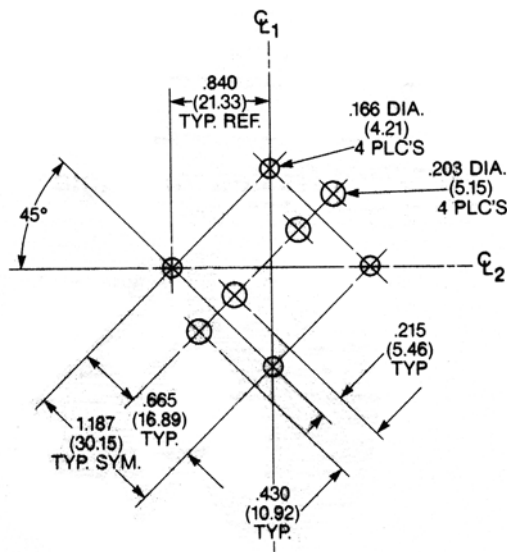
2. Hole Pattern no. 236 accommodates TO-3s. Available in LA-B series heat dissipators only.



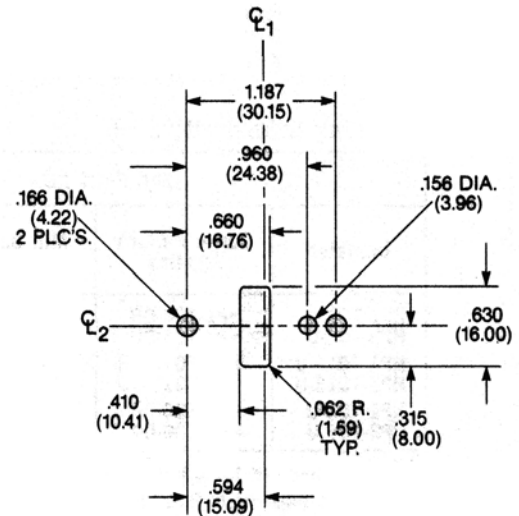
4. Hole pattern no. 237 accommodates To-3 ICs. Available in LA-B series heat dissipators only.



5. Hole pattern no. 407 accommodates TO-3s (4-pin). Available in LA-B series heat dissipators only.



8. Hole pattern no. 394 (universal) accommodates TO-3s, TO-66s, TO-126s, TO-127s, or T-220s. Available in LA-B series heat dissipators only.



### CTS IERC, Heat Sinks and Thermal Management Solutions

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