



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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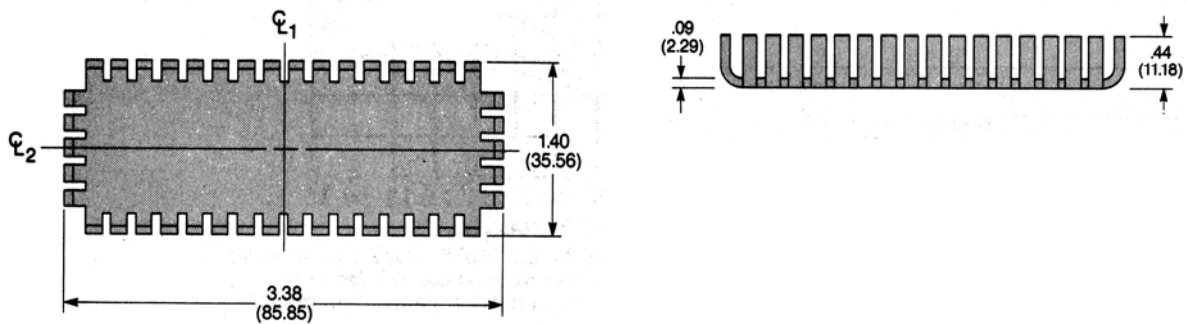
### METAL CASE, CASE-MOUNTED SEMICONDUCTORS

UP10 Series for TO-3 Dual Mount Applications

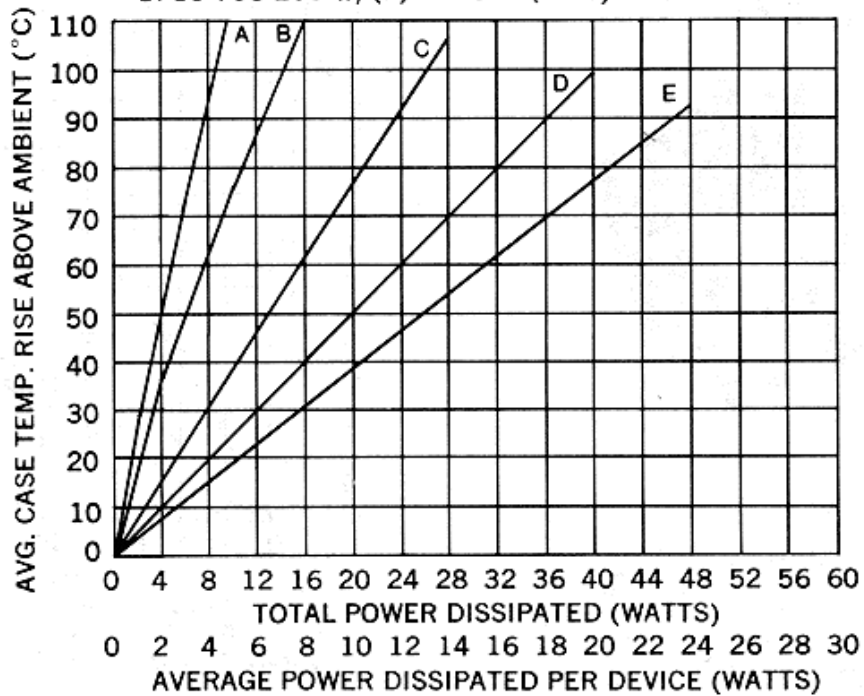
Natural Conv. (°C/W): 7.7

Forced Air (°C/W): 2

Mounting Envelope: 3.38" x 1.40" x .44"



UP10-TO3-2CB w/(2) 2N3055 (TO-3) TRANSISTORS



#### 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 0.8 °C/watt per device for unplated part in natural convection only.

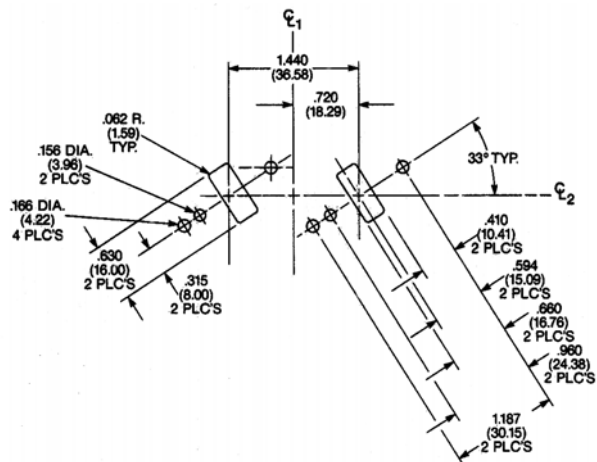
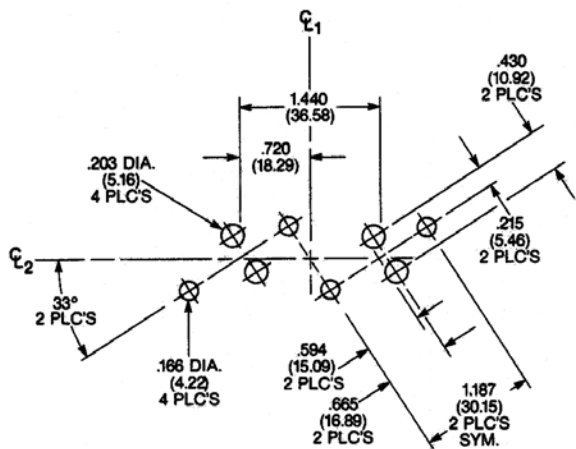
## Ordering Information

CTS IERC PART NO.			Semiconductor Accommodated	Hole patt. ref. no.	Max. Weight (Grams)
Unplated	Comm'l. Black Anodize	Mil. Black Anodize			
UP10-TO3-2U	UP10-TO-3-2CB	UP10-TO3-2B	Two TO-3s	29	24.0
UP10-426-2U	UP10-426-2CB	UP10-426-2B	Universal	30	24.0
UP10-428-2U	UP10-428-2CB	UP10-428-2B	Two TO-3 (4-pin)	36	24.0

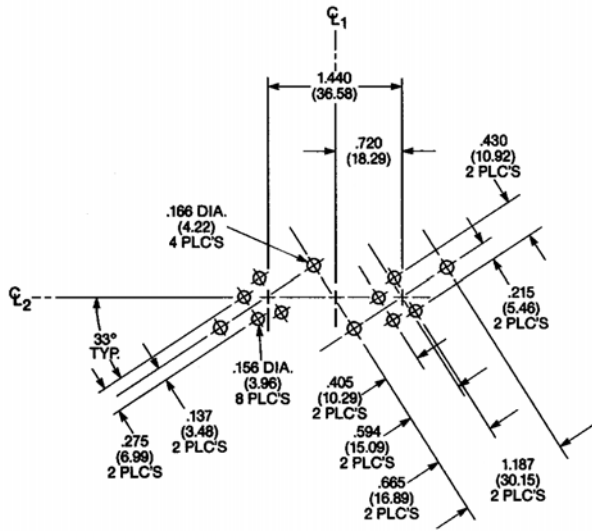
### HOLE PATTERNS

29. Hole pattern no. 222 accommodates TO-3s. Available in UP10 series heat dissipators only.

30. Hole pattern no. 426 (Universal) accommodates two TO-3s, TO-66s, TO-126s, or TO-220s. Available in UP10 series heat dissipators only.



36. Hole pattern no. 428 accommodates two TO-3s (4-pin). Available in UP10 series heat dissipators only.



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

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