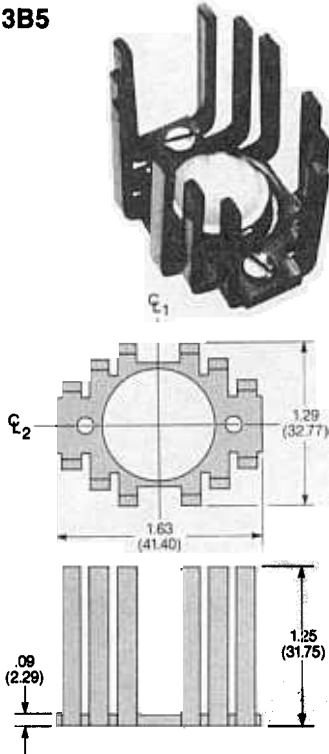


SECTION 1

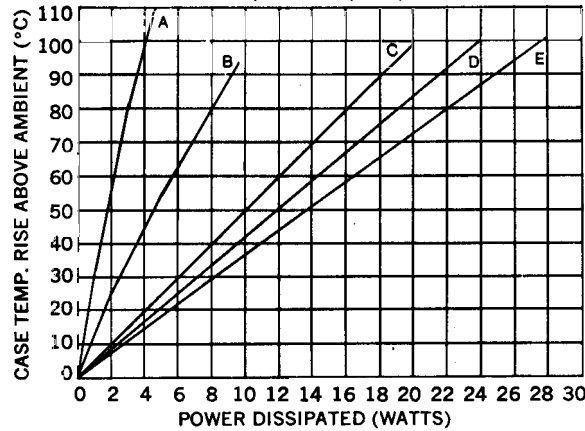
HEAT DISSIPATORS FOR METAL CASE, CASE-MOUNTED SEMICONDUCTORS

LA363B5



Dimensions are for reference use only. Contact IERC for dimensions with tolerances or standard part drawings.

LA363B5CB w/2N3055 (TO-3) TRANSISTOR



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 1.0-1.4 °C/W w/Joint Compound.
- Derate 0.7 °C/watt for unplated part in natural convection only.
- Derate 3.0 °C/watt for Insulube® part in natural convection only.

Ordering Information

IERC PART NO.				Semiconductor Accommodated	Hole patt. ref. no. (see pg. 1-26)	Max. Weight (Grams)
Unplated	Comm'l. Black Anodize	Mil. Black Anodize	Insulube® 448			
LA363B5U	LA363B5CB	LA363B5B	LA363B5	Any TO-3 can	3	12.6

Note: See page iv for other finishes.

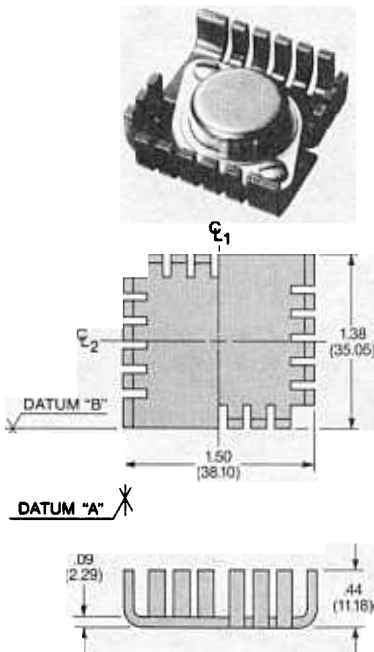
Medium-to-high power, board-mounted heat dissipators

- Different heights for greater design flexibility.
- Performance superior to similar dissipators made from impact extrusions or

- die castings.
- Semiconductor mounting fasteners hold dissipator in position.
- Square shape of the dissipator allows

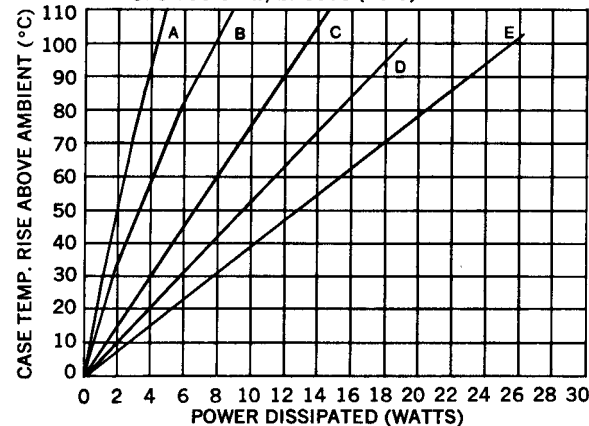
dissipation to be effective regardless of air flow direction.

UP3 Series for TO-3 Outline



Dimensions are for reference use only. Contact IERC for dimensions with tolerances or standard part drawings.

UP3-TO3-CB w/2N3055 (TO-3) TRANSISTOR



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.

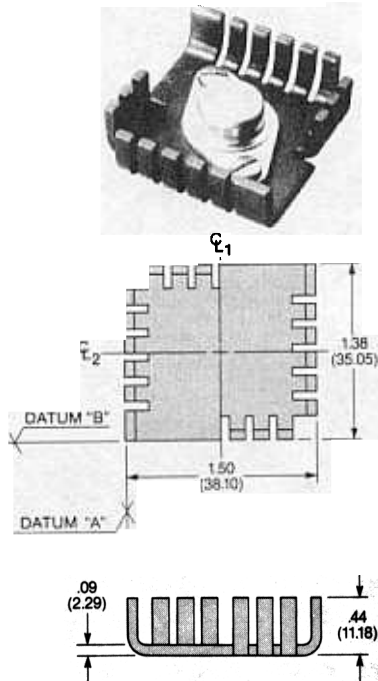
- Thermal Resistance Case to Sink is 0.1-0.3 °C/W w/Joint Compound.
- Derate 0.8 °C/watt for unplated part in natural convection only.
- Derate 0.4 °C/watt for Insulube® part in natural convection only.

Ordering Information

IERC PART NO.				Semiconductor Accommodated	Hole patt. ref. no. (see pg. 1-27)	Max. Weight (Grams)
Unplated	Comm'l. Black Anodize	Mil. Black Anodize	Insulube® 448			
UP3-000-U	UP3-000-CB	UP3-000-B	UP3-000	Undrilled	—	10.5
UP3-T03-U	UP3-T03-CB	UP3-T03-B	UP3-T03	TO-3	11	10.5
UP3-425-U	UP3-425-CB	UP3-425-B	UP3-425	Universal	15	10.5

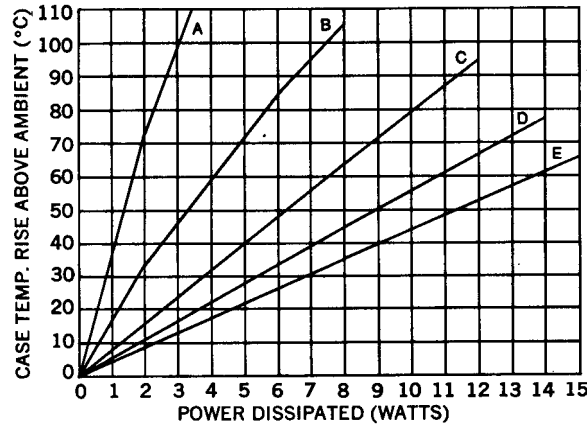
Note: See page iv for other finishes.

UP3 Series for TO-66 Outline



Dimensions are for reference use only. Contact IERC for dimensions with tolerances or standard part drawings.

UP3-T066-CB w/2N3054 (TO-66) TRANSISTOR



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.

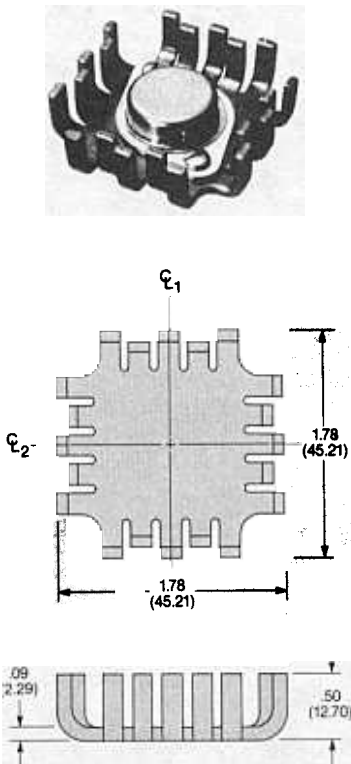
- Thermal Resistance Case to Sink is 0.6-0.7 °C/W w/Joint Compound.
- Derate 0.8 °C/watt for unplated part in natural convection only.
- Derate 0.8 °C/watt for Insulube® part in natural convection only.

Ordering Information

IERC PART NO.				Semiconductor Accommodated	Hole patt. ref. no. (see pg. 1-27)	Max. Weight (Grams)
Unplated	Comm'l. Black Anodize	Mil. Black Anodize	Insulube® 448			
UP3-T066-U	UP3-T066-CB	UP3-T066-B	UP3-T066	TO-66	14	10.5

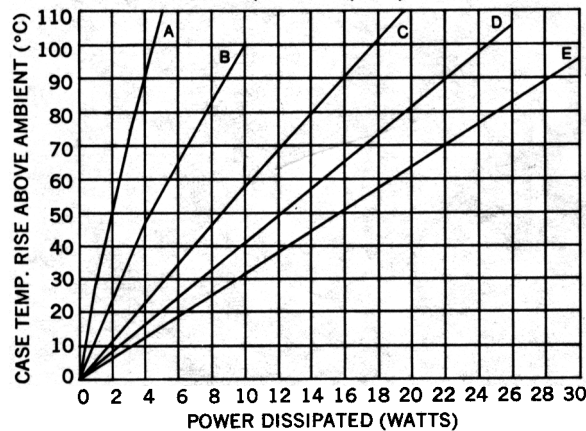
Note: See page Iv for other finishes.

UP1 Series for TO-3 Outline and Stud Mount Devices



Dimensions are for reference use only. Contact IERC for dimensions with tolerances or standard part drawings.

UP1-T03-CB w/2N3055 (TO-3) TRANSISTOR



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.
- Derate 0.4 °C/watt for Insulube® part in natural convection only.

Ordering Information

IERC PART NO.				Semiconductor Accommodated	Hole patt. ref. no. (see pg. 1-28)	Max. Weight (Grams)
Unplated	Comm'l. Black Anodize	Mil. Black Anodize	Insulube® 448			
UP1-000-U	UP1-000-CB	UP1-000-B	UP1-000	Undrilled	—	15.5
UP1-T03-U	UP1-T03-CB	UP1-T03-B	UP1-T03	TO-3	16	15.5
UP1-T03-46U	UP1-T03-46CB	UP1-T03-46B	UP1-T03-46	TO-3 IC	17	15.5
UP1-436-U	UP1-436-CB	UP1-436-B	UP1-436	TO-3 (4-pin)	18	15.5
UP1-T06-U	UP1-T06-CB	UP1-T06-B	UP1-T06	TO-6, TO-36	19	15.5
UP1-T015-U	UP1-T015-CB	UP1-T015-B	UP1-T015	TO-15, DO-5	23	15.5
UP1-420-U	UP1-420-CB	UP1-420-B	UP1-420	Universal	27	15.5
UP1-TOV-7U	UP1-TOV-7CB	UP1-TOV-7B	UP1-TOV-7	Universal	28	15.5

Note: See page Iv for other finishes.