

BOARD LEVEL POWER SEMICONDUCTOR HEAT SINKS



289 & 290 SERIES

Low-Cost Single or Dual Package Heat Sinks

TO-218, TO-202, TO-220

| Standard P/N | Height Above PC Board in. (mm) | Horizontal Mounting Maximum Footing in. (mm) | Thermal Performance at Typical Load | | Weight lbs. (grams) |
|--------------|--------------------------------|--|-------------------------------------|-------------------|---------------------|
| | | | Natural Convection | Forced Convection | |
| 289-AB | 0.500 (12.7) | 1.000 (25.4) x 0.710 (18.1) | 50°C @ 2W | 9.0 C/W @ 400 LFM | 0.0055 (2.49) |
| 289-AP | 0.500 (12.7) | 1.000 (25.4) x 0.710 (18.1) | 50°C @ 2W | 9.0 C/W @ 400 LFM | 0.0055 (2.49) |
| 290-1AB | 0.500 (12.7) | 1.000 (25.4) x 1.180 (30.0) | 44°C @ 2W | 7.0 C/W @ 400 LFM | 0.0082 (3.72) |
| 290-2AB | 0.500 (12.7) | 1.000 (25.4) x 1.180 (30.0) | 44°C @ 2W | 7.0 C/W @ 400 LFM | 0.0081 (3.67) |

Material: Aluminum, Black Anodized

Low in cost and compact in overall dimensions, one 289 Series heat sink can accommodate one semiconductor; the 289 Series is available with a black an-

odized finish (289-AB) or with no finish (289-AP). Two semiconductors can be mounted to the 290-2AB style.

