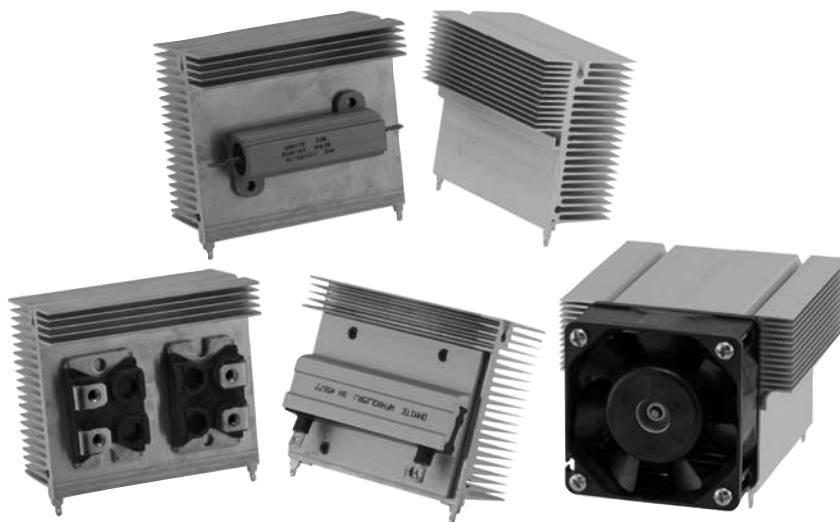


B60/C60 Series

Heat Sink System

Ohmite introduces the powerful B60/C60 series heatsink with cam clip (Pat. Pending) or custom mounting. This series offers flexible, high performance and compact heat sink with exchangeable cam clip system for TO-220, TO-247, and TO-264 devices. The built in lip is provided for mounting ease. The optional B series can be tapped for popular Ohmite resistors or other devices. These powerful heat sinks can be thru-hole soldered as a single or dual unit. The dual unit can be mated to a 60mm fan for greater thermal performance. It is the ideal type of heat sink for high power density and small size (3U or 4U) electronic packaging with forced convection.



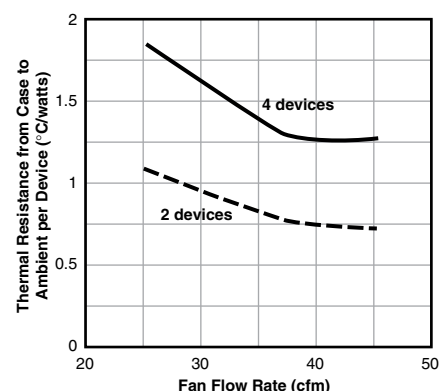
SERIES SPECIFICATIONS

Heatsink Part Number	Surface Area (in ² / mm ²)	Weight (oz / g)	Length L (mm)	consult factory for alternate lengths and clip combinations
C60-075-VE C60-075-AE	177 / 114,300	5.7 / 163	75	
B60-075-VE B60-075-AE	177 / 114,300	5.7 / 163	75	

CHARACTERISTICS

Heat Sink	Aluminum Alloy 6063-T5 or Equivalent with either degreased or black anodized finish.
Spring Clip	Music Wire, Per ASTM A228 with bright nickel plating
Solder Foot	Cold-rolled Steel, Per ASTM A-366 with pure tin over copper strike. RoHS compliant.
Fan	60mm fan with 4 self-tapping M3 screws
Interface Thermal Resistance	For improvement, use thermal joint compound, 0.005 Grafoil (TGon 800 by Laird), or phase change material (Hi-Flow by Bergquist) Insulator (Optional) Sil-Pad 900-S, K6 800-S and K10 by Bergquist

Heat Dissipation

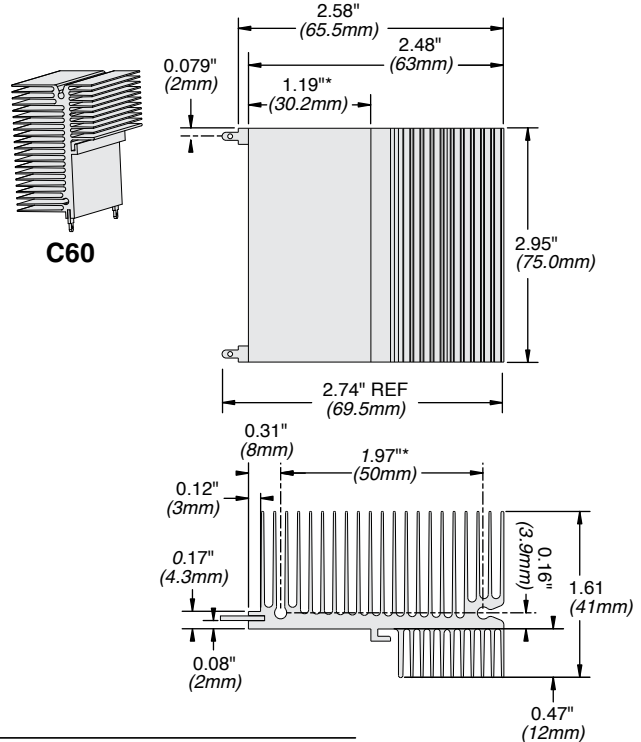
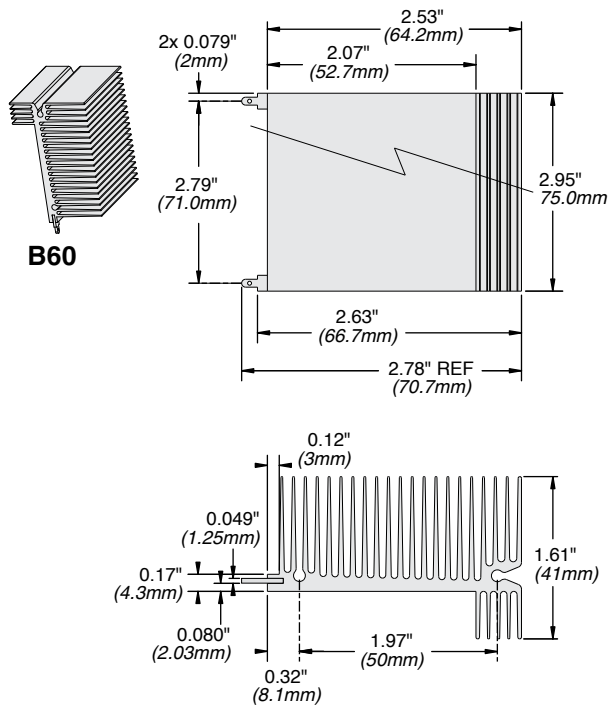


(continued)

B60/C60 Series

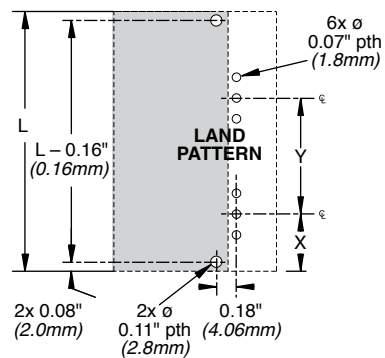
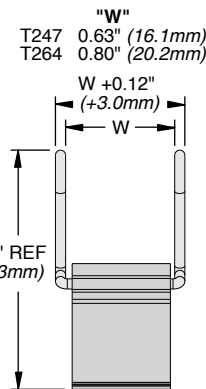
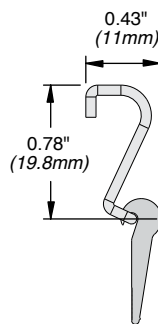
Heat Sink System

DIMENSIONS



NOTE: Due to possible screw torquing on long extrusions, Customer should check for coplanarity prior to final assembly or soldering.

Clip Dimensions



HOW TO ORDER

Heatsink

RoHS compliant

C 6 0 X X - 0 5 8 - A E

Series: B = without lip, C = with lip

Hole pattern (optional)

Length (mm)

Finish: A = black anodized, V = degreased

Clip

C L A - T 2 4 7 - 2 1 E

Clip series: CLA

Device type: T247 = TO-247, T264 = TO-264

Standard configuration

RoHS compliant