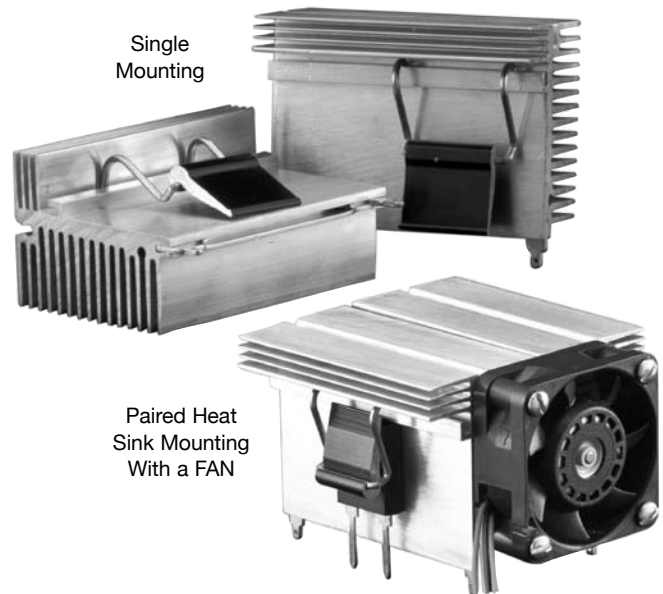


C40 Heat Sink System

For TO-247, TO-264 and SOT-227 Packages

The C40 Series Heat Sink System (Patent Pending) offers flexible, high performance and compact heat sinks with an exchangeable cam clip system for TO-247, TO-264 and SOT-227 (clip in development) devices. This powerful heat sink can be thru-hole soldered in single or paired configurations. The paired unit has mounting holes to accommodate a 40mm x 40mm fan. It is the ideal type of heat sink for high power density and small size (1U or 2U) electronic packaging with forced convection.



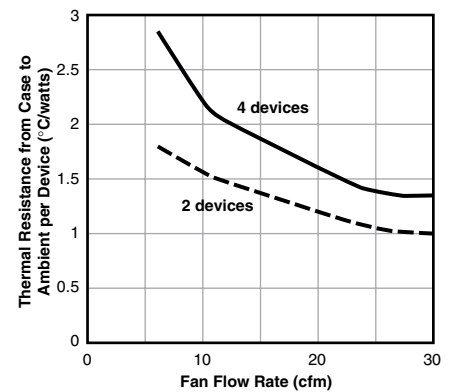
SERIES SPECIFICATIONS

| Heatsink Part Number | Surface Area (in ² / mm ²) | Weight (oz / g) | Length L (mm) | |
|----------------------|---|-----------------|---------------|--|
| C40-058-VE | 63.8 / 41,180 | 2.5/ 71 | 58 | <i>consult factory for alternate lengths and clip combinations</i> |
| C40-058-AE | | | | |

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 | 40mm 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

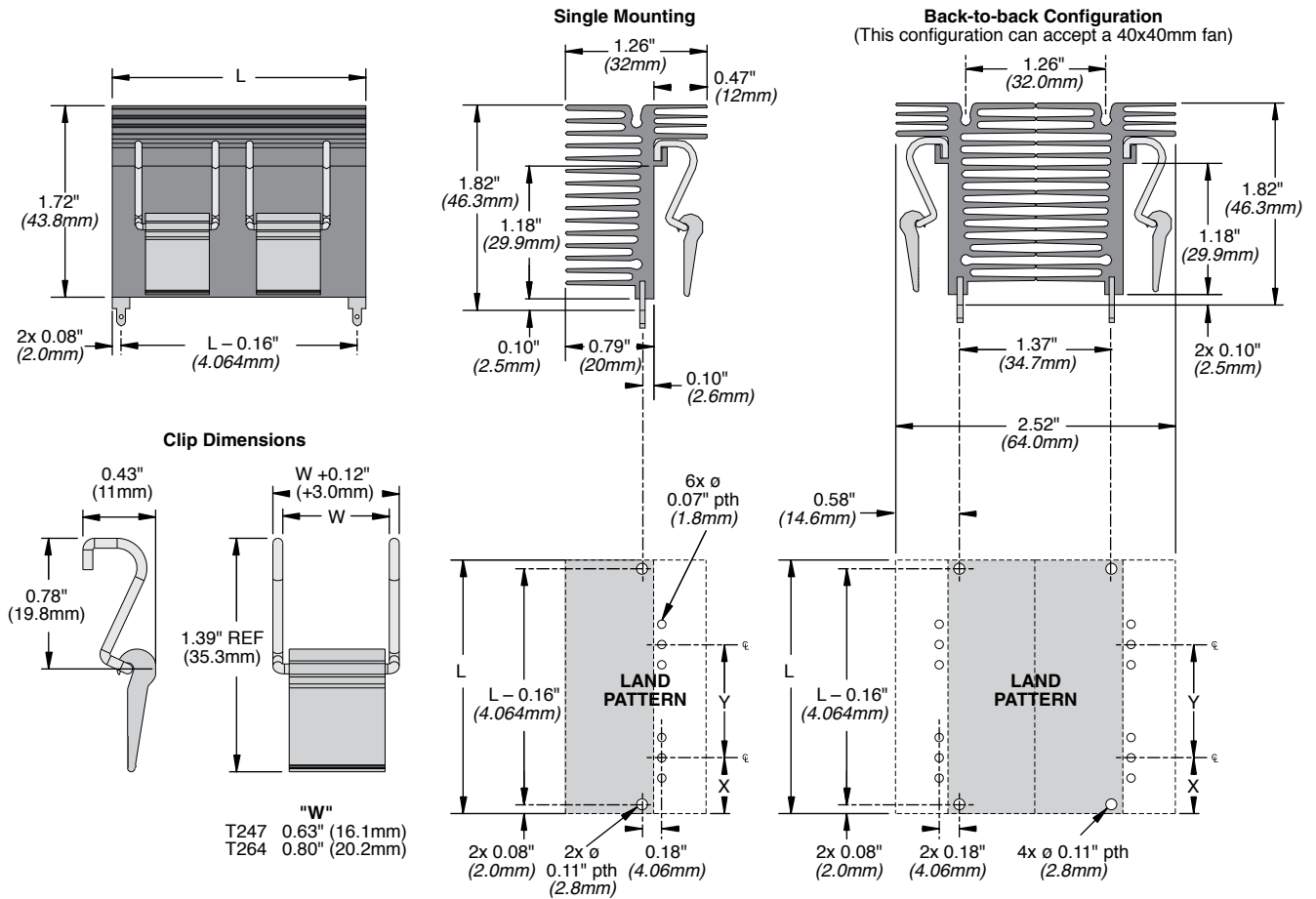


(continued)

C40 Heat Sink System

For TO-247, TO-264 and SOT-227 Packages

DIMENSIONS



HOW TO ORDER

Heatsink

C 4 0 - 0 5 8 - A E

Series Length (mm) Finish RoHS compliant

A = black anodized
V = degreased

Clip

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

Clip series Device type Standard configuration RoHS compliant

T247 = TO-247
T264 = TO-264
S227 = SOT-227
(in development)