

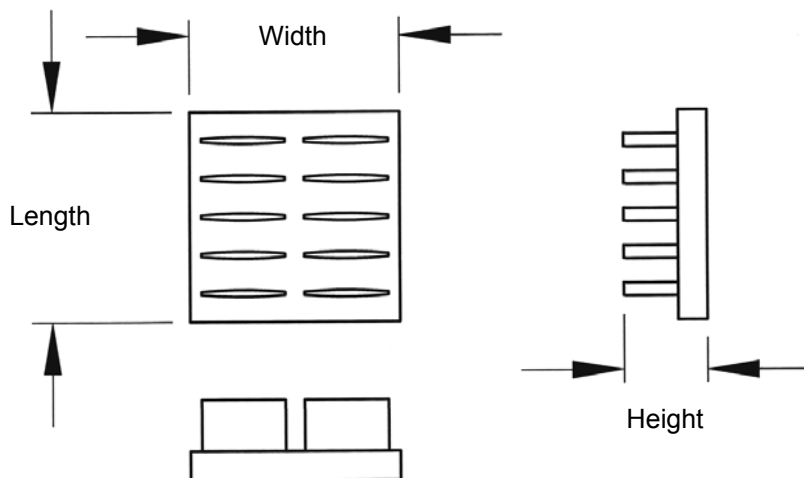
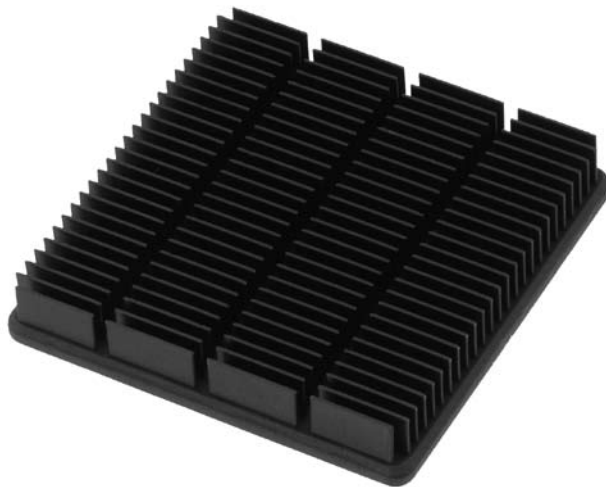
LOW HEIGHT THIN-FIN FORGED ALUMINUM

FEATURES

- Precision Forging Technology for High Power Applications
- Low Profile Thin Fins
- Designed for BGA and Other Surface Mount Packages
- Select From Multiple Fin Heights
- Improved Thermal Performance Over Conventional Heat Sinks

PRODUCT BENEFITS

- No Special Tools Needed for Assembly
- No Additional Holes Required on the PCB
- Adhesive Tape Mounting Convenience



Material: 6063 Aluminum Alloy, Black Anodized

Part Number	Fin Matrix (Rows x Columns)	Length x Width x Height (mm)	Thermal Resistance (°C/Watt @ 200 LFPM)	Pressure Drop (inches of water)
APF19-19-06CB	12 x 2	19 x 19 x 6.3	7.1	0.033
APF19-19-10CB	12 x 2	19 x 19 x 9.5	5.3	0.033
APF19-19-13CB	12 x 2	19 x 19 x 12.7	4.0	0.033
APF30-30-06CB	19 x 3	30 x 30 x 6.3	4.4	0.039
APF30-30-10CB	19 x 3	30 x 30 x 9.5	3.3	0.039
APF30-30-13CB	19 x 3	30 x 30 x 12.7	2.5	0.039
APF40-40-06CB	26 x 4	40 x 40 x 6.3	3.3	0.043
APF40-40-10CB	26 x 4	40 x 40 x 9.5	2.5	0.043
APF40-40-13CB	26 x 4	40 x 40 x 12.7	1.9	0.043

TAPE STYLES

Thermal Tape	Supplier	Thickness (mm)	Thermal Impedance (°C-in. ² /W)	Dielectric Strength (V/mil)	Description
A01	CTS	0.13	0.82	4,000	Double-sided acrylic adhesive on a Kapton® MT carrier
T410	Chomerics	0.18	1.10	N/A	Double-sided acrylic adhesive loaded with aluminum oxide on an aluminum foil carrier
T411	Chomerics	0.28	1.00	N/A	Double-sided silicone adhesive with expanded aluminum mesh carrier
T412	Chomerics	0.23	0.25	N/A	Doubled-sided acrylic adhesive loaded with titanium diboride on an expanded aluminum carrier
8815	3M	0.38	1.20	668	Double-sided acrylic adhesive loaded with ceramic particles

ORDERING INFORMATION

