

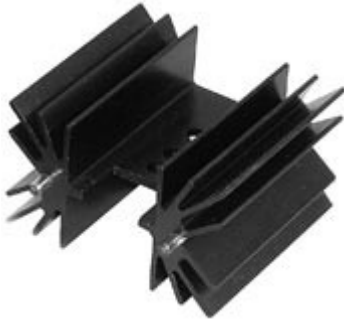


Smart Heatsinks
Unlike Any Others

SHS F - SERIES HEAT SINK for Variety of TO Series devices



F - Series Heat Sinks



Smart Heatsinks, Inc. introduces the low cost, vertical mount, F - series, standard heat sinks for single and dual TO-247, TO-220 and TO-218, devices. This simple heat sink can hold one TO device with adjustable height, and can be mounted simply by soldering onto PCB. The heat sink has two types of surface finishes, and can be used in either natural (free) or forced convection cooling applications. *Cross reference to AAVID P/N: 529701B02100G Series*

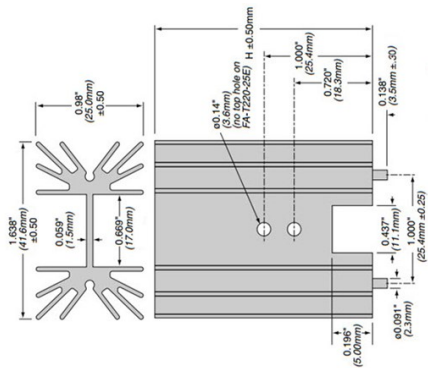
SPECIFICATOINS

Heat Sink: Aluminum Alloy 6063-T5 or Equivalent with either degreased or black anodized finish.

Solder Feet: Pure tin plated brass

Mounting: Vertical through-hole PCB soldering

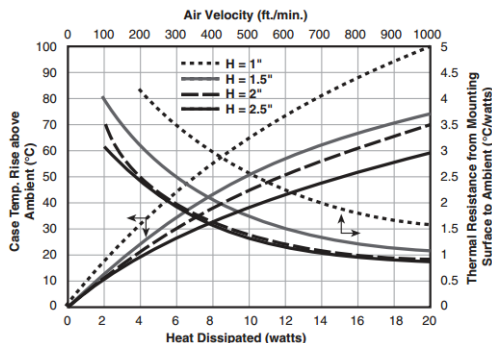
Compliance: Either degreased or black anodized finished parts are compliant with RoSH.



Standard Part Number	Height "H" (in / mm)	Surface Area (in ² / mm ²)	Weight (oz / g)	Thermal Resistance*	RECOMMENDED LAND PATTERN
FV-T220-25-D FV-T220-25-B	1.0 / 25.4	14.4 / 9,285	0.63 / 18	5.9 °C/w 4.8 °C/w	
FV-T220-38-D FV-T220-38-B	1.5 / 38.1	21.2 / 13,756	0.95 / 27	4.7 °C/w 3.8 °C/w	
FV-T220-51-D FV-T220-51-B	2.0 / 50.8	28.2 / 18,222	1.30 / 37	4.3 °C/w 3.4 °C/w	
FV-T220-64-D FV-T220-64-B	2.5 / 63.5	35.2 / 22,814	1.62 / 46	3.8 °C/w 3.0 °C/w	

*Natural Conduction

THERMAL PERFORMANCE



ORDERING INFORMATION

Standard P/N	Descriptions	Packaging
FV-T220-25-D	Degreased, 25.4mm height	Bulk
FV-T220-25-B	Black Anodized, 25.4mm HT	Bulk
FV-T220-38-D	Degreased, 38.1mm height	Bulk
FV-T220-38-B	Black Anodized, 38.1mm HT	Bulk
FV-T220-51-D	Degreased, 50.8mm height	Bulk
FV-T220-51-B	Black Anodized, 50.8mm HT	Bulk
FV-T220-64-D	Degreased, 63.5mm height	Bulk
FV-T220-64-B	Black Anodized, 63.5mm HT	Bulk