



**Smart Heatsinks**  
Unlike Any Others

**SHS E - SERIES HEAT SINK for Variety of TO Series devices**



## E - Series Heat Sinks



Smart Heatsinks, Inc. introduces the low cost, E-series, standard heat sinks for 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: 531102B02500G Series.*

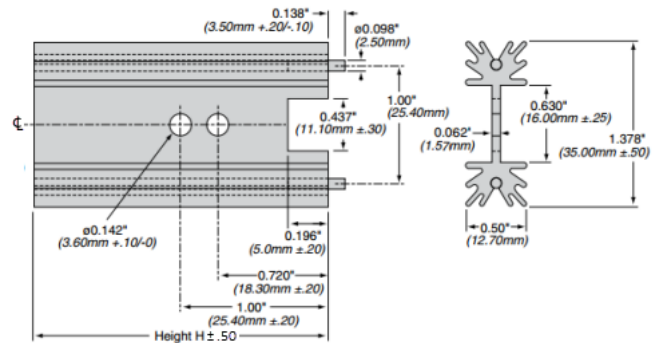
### SPECIFICATOINS

**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

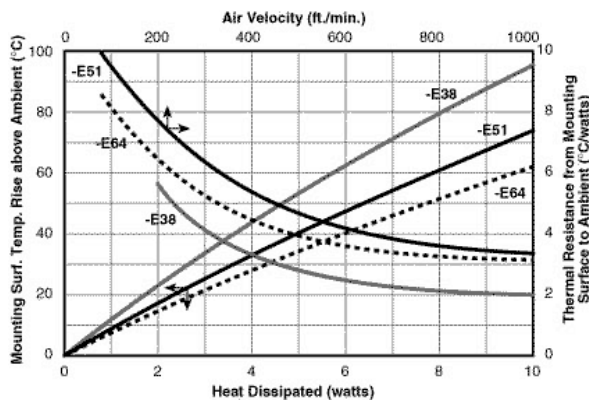
**Compliance:** Either degreased or black anodized finished parts are compliant with RoSH.



Standard Part Number	Height "H" (in / mm)	Surface Area (in <sup>2</sup> / mm <sup>2</sup> )	Weight (oz / g)	Thermal Resistance*	LAND PATTERN
EV-T220-38E EA-T220-38E	1.50 / 38.1	11.5 / 7,419	.63 / 18	11.4 °C/w 9.5 °C/w	
EV-T220-51E EA-T220-51E	2.0 / 50.8	15.2 / 9,806	0.85 / 24	9.0 °C/w 7.5 °C/w	
EV-T220-64E EA-T220-64E	2.5 / 63.5	18.8 / 12,129	1.06 / 30	7.4 °C/w 6.2 °C/w	

\*Natural Conduction

### THERMAL PERFORMANCE



### ORDERING INFORMATION

Standard P/N	Descriptions	Packaging
EV-T220-38E	Degreased, 38.1mm height	Bulk
EA-T220-38E	Black Anodized, 38.1mm HT	Bulk
EV-T220-51E	Degreased, 50.8mm height	Bulk
EA-T220-51E	Black Anodized, 50.8mm HT	Bulk
EV-T220-64E	Degreased, 63.5mm height	Bulk
EA-T220-64E	Black Anodized, 63.5mm HT	Bulk