



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, vertical mount, 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.*

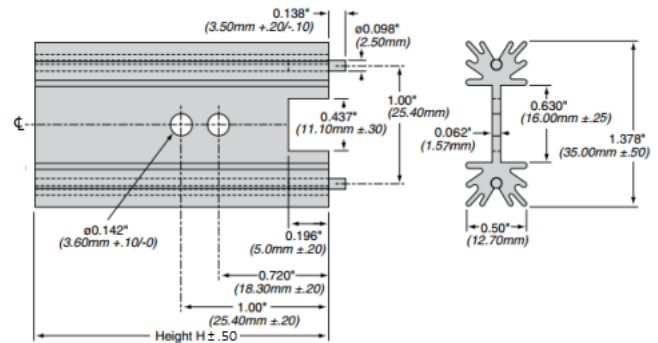
SPECIFICATIONS

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

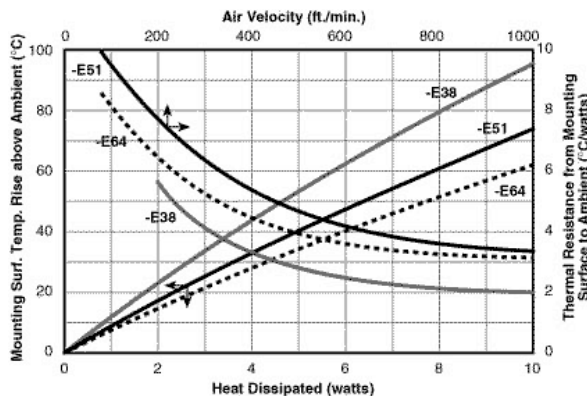
Compliance: Either degreased or black anodized finished parts are compliant with RoSH.



Standard Part Number	Height "H" (in / mm)	Surface Area (in ² / mm ²)	Weight (oz / g)	Thermal Resistance*	LAND PATTERN
EV-T220-38-D EV-T220-38-B	1.50 / 38.1	11.5 / 7,419	.63 / 18	11.4 °C/w 9.5 °C/w	
EV-T220-51-D EV-T220-51-B	2.0 / 50.8	15.2 / 9,806	0.85 / 24	9.0 °C/w 7.5 °C/w	
EV-T220-64-D EV-T220-64-B	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-T220-38-D	Degreased, 38.1mm height	Bulk
EV-T220-38-B	Black Anodized, 38.1mm HT	Bulk
EV-T220-51-D	Degreased, 50.8mm height	Bulk
EV-T220-51-B	Black Anodized, 50.8mm HT	Bulk
EV-T220-64-D	Degreased, 63.5mm height	Bulk
EV-T220-64-B	Black Anodized, 63.5mm HT	Bulk

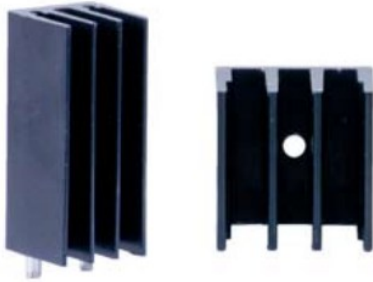


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SHS E - SERIES HEAT SINK for Variety of TO Series devices



E2 Series Heat Sinks



Smart Heatsinks, Inc. introduces the vertical mount, E2 series, low cost, standard heat sinks for single TO-220, TO-247 and TO-264 devices. This simple black anodized heat sink can be mounted simply by soldering onto PCB vertically. The heat sink can be used in either natural (free) or forced convection cooling applications.

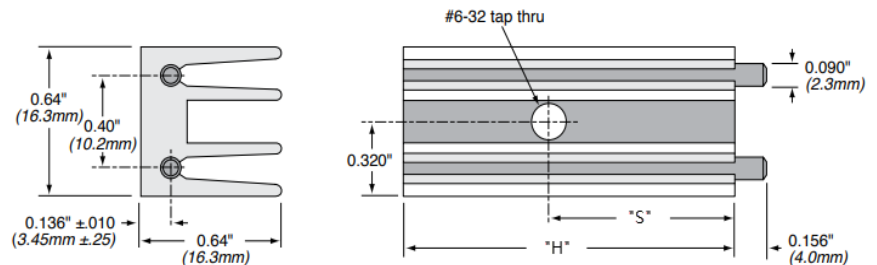
SPECIFICATOINS

Heat Sink: Aluminum Alloy 6063-T5 with black anodized finish.

Solder Feet: Pure tin plated brass

Mounting: Vertical through-hole PCB soldering

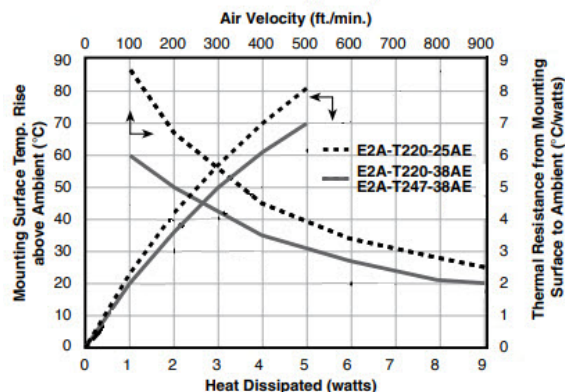
Compliance: Compliant with RoSH.



Standard Part Number	Height "H" (in / mm)	Hole Height "S" (in / mm)	Surface Area (in ² / mm ²)	Weight (oz / g)	Thermal Resistance* (°C/W)
E2V-T220-38-B	1.50/38.1	0.72/18.3	7.95/5129	0.40/11.2	14.0
E2V-T220-25-B	1.00/25.4	0.72/18.3	5.30/2419	0.26/7.50	16.4
E2V-T247-38-B	1.50/38.1	0.85/21.6	7.95/5129	0.40/11.2	14.0

*Natural Conduction

THERMAL PERFORMANCE



LAND PATTERN

