



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# EX Series Heatsinks

For TO-220 and TO-247 devices and bridge rectifiers

## FEATURES

- Vertical through-hole PCB mounting
- E3A-T220-25E has a 8-32 threaded mounting hole for a bridge rectifier in a D34 type square package
- The thickened side fins can be used to secure the heat sink to a side wall or to mount TO-220's
- Threaded mounting holes



## SERIES SPECIFICATIONS

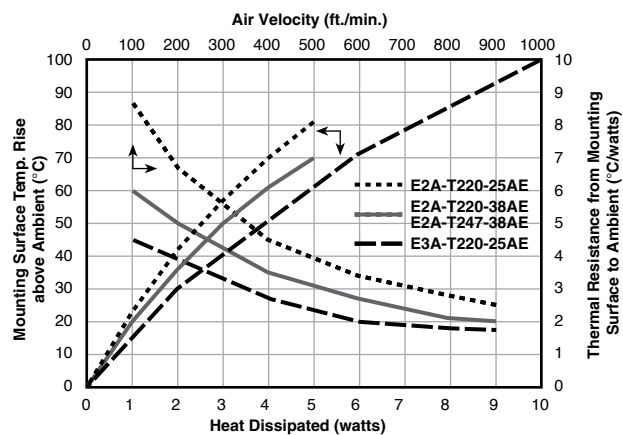
Heatsink Part Number	For Package Type	Ohmite Resistor Series	Surface Area (in <sup>2</sup> /mm <sup>2</sup> )	Weight (oz./g)	Thermal Resistance* (°C/W)
E2A-T220-38E	TO-220	TBH, TCH	7.96 / 5129	0.40 / 11.21	14.0
E2A-T220-25E	TO-220	TBH, TCH	5.30 / 2419	0.26 / 7.5	16.4
E2A-T247-38E	TO-247	TEH100	7.95 / 5129	0.40 / 11.21	14.0
E3A-T220-25E	D34		9.4 / 6064	0.60 / 17.0	12.4

\*Natural convection at 5W dissipation

## CHARACTERISTICS

<b>Heat sink</b>	Aluminum 6063-T5 or equivalent with either black anodized or degreased finish
<b>Solder feet</b>	steel tin plated
<b>Interface thermal resistance</b>	for improvement, use thermal joint compound or 0.005 Grafoil (TGon 800 by Laird)
<b>Interface electrical isolation</b>	Sil-Pad 900S by Bergquist or equivalent

### Heat Dissipation



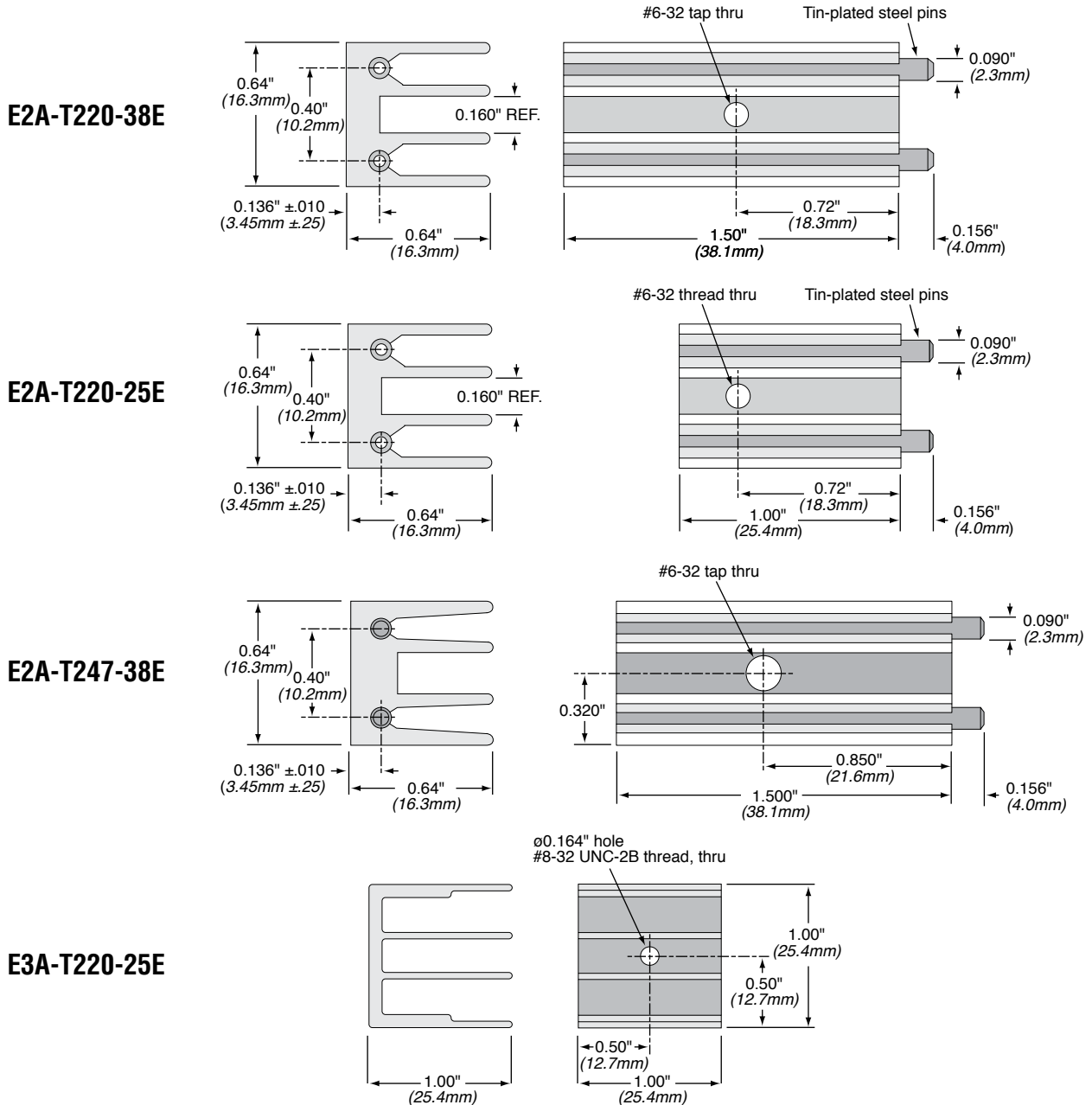
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## DIMENSIONS

in. (mm)



## ORDERING INFORMATION

Extrusion type      RoHS Compliant

**E 2 A - T 2 2 0 - 3 8 E**

Series      Finish      Package type      Height

EX      A = anodized