



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!



Contact us

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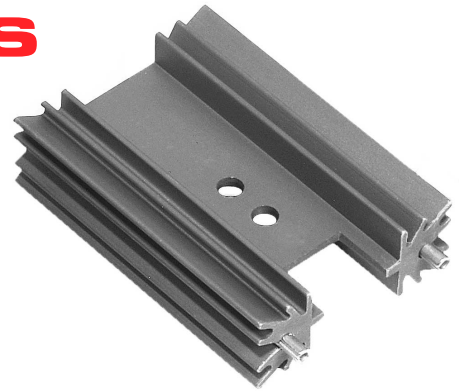
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E Series Heatsinks

For TO-220 devices



FEATURES

- Vertical through-hole PCB mounting
- 0.142 in. diameter mounting holes

SERIES SPECIFICATIONS

Heatsink Part Number	For Package Type	Ohmite Resistor Series	Surface Area (in ²)	Weight	Thermal Resistance* (°C/W)
EV-T220-38E EA-T220-38E	TO-220	TBH25, TCH35	11.5	0.63 oz/18g	11.4 9.5
EV-T220-51E EA-T220-51E	TO-220	TBH25, TCH35	15.2	0.85 oz/24g	9.0 7.5
EV-T220-64E EA-T220-64E	TO-220	TBH25, TCH35	18.8	1.06 oz/30g	7.4 6.2

*Natural convection at 10W dissipation

CHARACTERISTICS

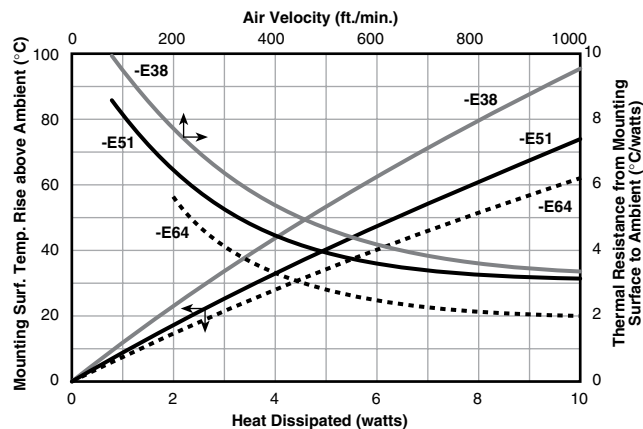
Heat sink Aluminum 6063-T5 or equivalent with either black anodized or degreased finish

Solder feet Tin plated brass

Interface thermal resistance for improvement, use thermal joint compound or 0.005 Grafoil (TGon 800 by Laird)

Interface electrical isolation Sil-Pad 900S by Bergquist or equivalent

Heat Dissipation



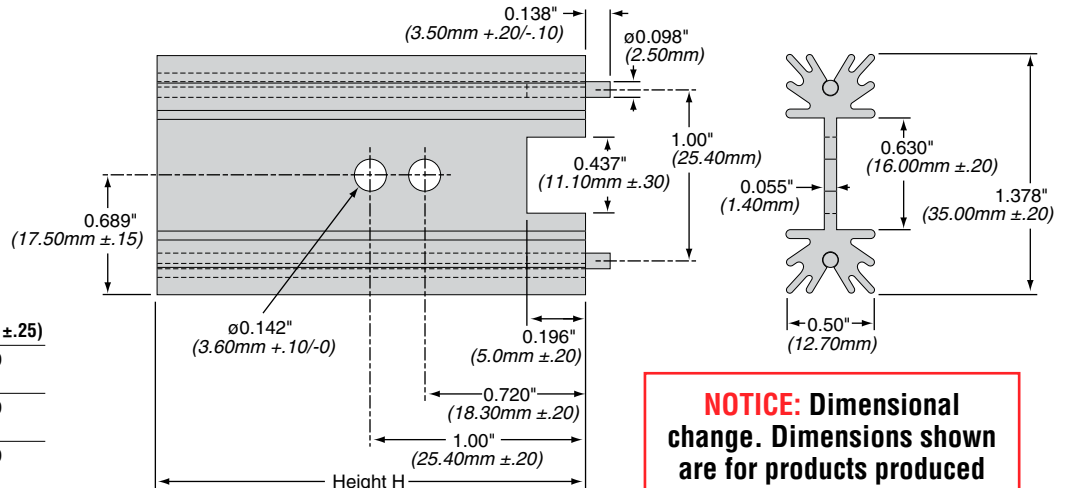
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For TO-220 devices

DIMENSIONS

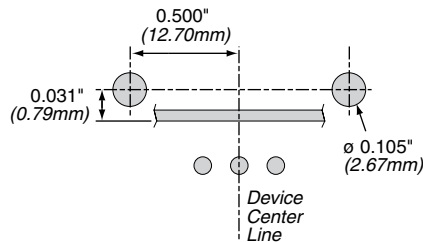
(in./mm)



Part Number	Height (in. ±.010 / mm ±.25)
EV-T220-38E EA-T220-38E	1.5 / 38.10
EV-T220-51E EA-T220-51E	2.0 / 50.80
EV-T220-64E EA-T220-64E	2.5 / 63.50

NOTICE: Dimensional change. Dimensions shown are for products produced after July 2013

Land Pattern



ORDERING INFORMATION

Series | Package type to be heatsinked | RoHS Compliant
E V - T 2 2 0 - 5 1 E
 Finish | Height (mm)
 A = black anodized
 V = degreased

Standard part numbers

Part Number	Description	Packaging
EV-T220-38E	Heat sink for TO-220, no finish (degreased)	Bulk
EA-T220-38E	Heat sink for TO-220, black anodized	Bulk
EV-T220-51E	Heat sink for TO-220, no finish (degreased)	Bulk
EA-T220-51E	Heat sink for TO-220, black anodized	Bulk
EV-T220-64E	Heat sink for TO-220, no finish (degreased)	Bulk
EA-T220-64E	Heat sink for TO-220, black anodized	Bulk