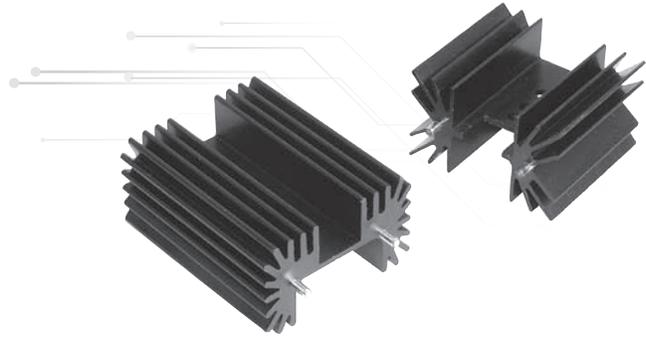


# F and R Series Heatsinks

For TO-218, TO-220 and TO-247 devices

The F and R Series are vertical mountable with solderable pins and are composed of 6063-T5 aluminum with a black anodized finish.



## FEATURES

- For vertical mounting with solderable pins
- For TO-220, TO-218, TO-247

## SERIES SPECIFICATION

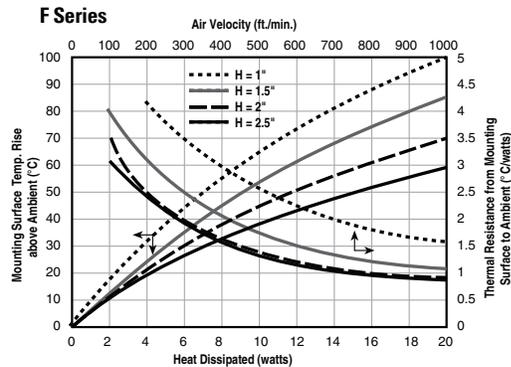
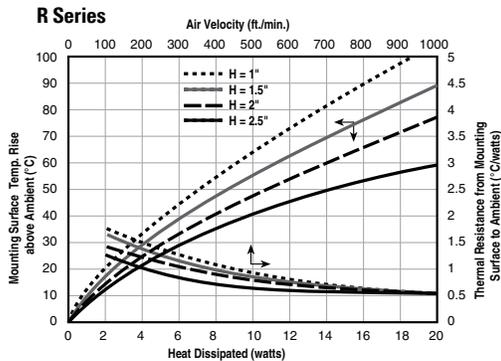
Heatsink Part Number	Height (mm ±.25/ in. ±.010)	For Package Type	Ohmite Resistor Series	Surface Area (mm <sup>2</sup> )	Weight (g)	Thermal Res.* (°C/W)
RA-T2X-25E	25.4/1.0	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	8,901	25	4.8
RA-T2X-38E	38.1/1.5	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	12,983	38	3.9
RA-T2X-51E	50.8/2.0	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	17,065	51	3.5
RA-T2X-64E	63.5/2.5	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	21,148	63	3.1
FA-T220-25E	25.4/1.0	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	9,285	18	4.7
FA-T220-38E	38.1/1.5	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	13,756	27	3.8
FA-T220-51E	50.8/2.0	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	18,222	37	3.4
FA-T220-64E	63.5/2.5	TO-220, -218, -247	TBH25,TCH35, TEH70, TEH100	22,814	46	3

\*Natural convection

## CHARACTERISTICS

<b>Finish</b>	Black anodized
<b>Material</b>	6063-T5 aluminum
<b>Solder</b>	100% Tin (Sn)
<b>PC board attachment</b>	0.091" dia. pre-tinned pins.

## Heat Dissipation



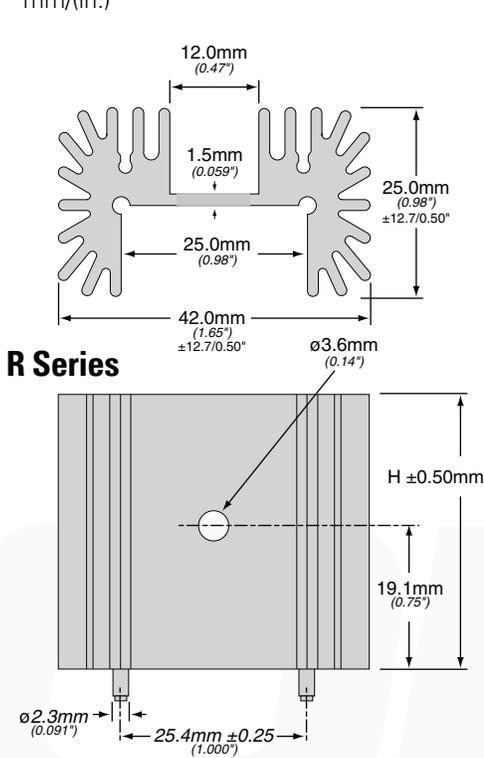
(continued)

# F and R Series Heatsinks

For TO-218, TO-220 and TO-247 devices

## DIMENSIONS

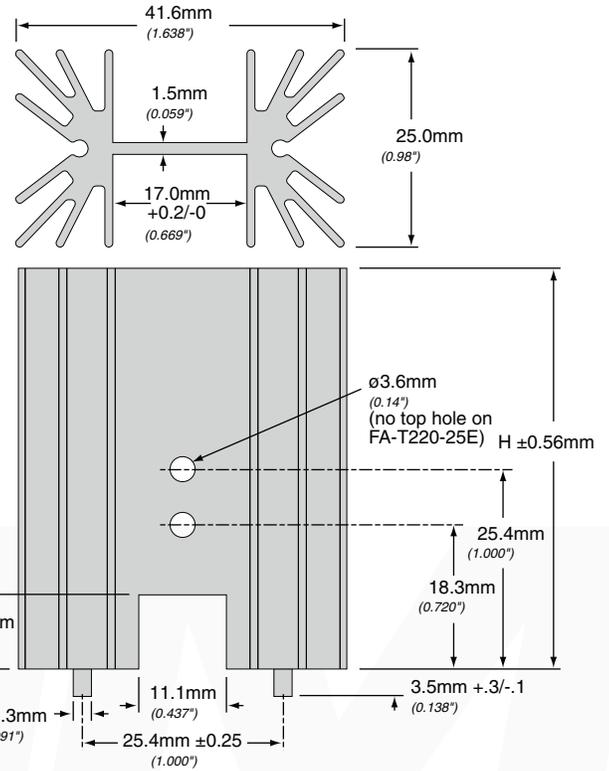
mm/(in.)



**R Series**

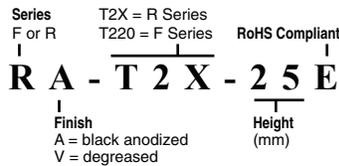
Part Number	Height (mm ±.25/ in. ±.010)
RA-T2X-25E	25.4/1.0
RA-T2X-38E	38.1/1.5
RA-T2X-51E	50.8/2.0
RA-T2X-64E	63.5/2.5
FA-T220-25E	25.4/1.0
FA-T220-38E	38.1/1.5
FA-T220-51E	50.8/2.0
FA-T220-64E	63.5/2.5

**F Series**



**NOTICE:**  
Dimensional change.  
Dimensions shown are for products produced after September 2012

## ORDERING INFORMATION



### Standard part numbers

Part Number	Description	Packaging
RA-T2X-25E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk
RA-T2X-38E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk
RA-T2X-51E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk
RA-T2X-64E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk
FA-T220-25E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk
FA-T220-38E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk
FA-T220-51E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk
FA-T220-64E	Heat sink for TO-220, TO-218, TO-247, Black Anodized	Bulk