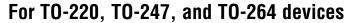
WC Series Heatsinks







The unique design (patent pending) of the WC Series heat sinks combines a tin plated, solderable, integral cam clip with an compressed ceramic heat sink body for an all-in-one solution to through-hole mounting of TO-220, TO-247, and TO-264 packages. These self-aligning heat sinks feature solderable feet and an integrated clip with 13.2 (lbf) of force on the center of the device to enhance thermal performance.

FEATURES

- Reduced assembly cost: cam clip and auto-align feature makes fasteners and fixtures obsolete
- Maximum repeatability: clamping force of the cam clip is not degraded by repeated loading and unloading
- Great electrical characteristics: ceramic material provides great electrical isolation while offering thermal performance similar to aluminum heatsinks
- Maximum resistance to shock and vibration: light weight, resilient cam clip locks the component in place and is highly resistant to shock and vibration

	 -	 			
SERI			\sim \sim	 -	_
		 _	1 -7 - 1		' - 1

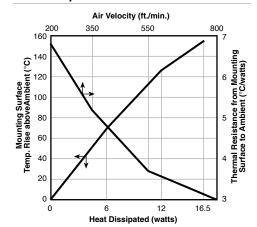
Heatsink	For Package	Ohmite Resistor	Surface Area	Weight	Thermal
Part Number	Type	Series	(in²)		Resistance*
WC-T2X-38E	TO-220 , TO-247, TO-264	TBH25, TCH35, TEH100	17.3	1.48 oz/42g	12°C/W

^{*} at 12 watts

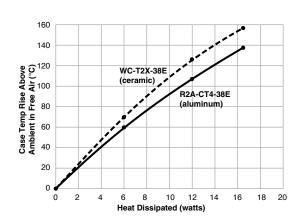
CHARACTERISTICS

95% Al ₂ O ₃		
Music wire, per ASTM A228		
for improvement, use thermal joint compound or 0.005 Grafoil (TGon 800 by Laird)		
Vertical thru-hole mount		
13.2 lbf.		
4KV (from clip to device)		

Heat Dissipation



Heat Dissipation: Aluminum vs. Ceramic



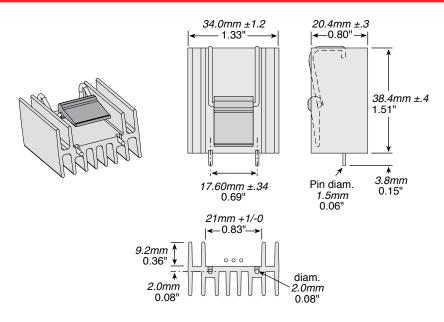
(continued)

WC Series Heatsinks

For TO-220, TO-247, and TO-264 devices

DIMENSIONS

(in./mm ±0.3mm)



ORDERING INFORMATION



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ohmite:

WC-T2X-38E