



TGHM Series

The Ohmite TGHM series removes the bulk of the standard SOT-227 package, creating an alternative for customers looking for connection options. The Ohmite TGHM relocates the terminations to the side for a lower profile part. The side terminations use quick-connect terminals for an easy connection. These terminals eliminate the hardware and extra assembly time normally associated with the standard SOT-227 package. The new TGHM from Ohmite is also thermally efficient, providing up to 300 watts of power dissipation when properly heatsinked.



TAP600 Series

Ohmite's TAP600 delivers 600 watts of reliable power to a variety of power conditioning, power transmission, and power control applications. These Resistors can be designed for liquid or air cooled heat sink systems. Applications include variable speed drives, power supplies, robotics, motor control, and other control devices. The resistive element of the TAP600 is specially designed for low inductance and capacitance. The element provides stable performance in addition to high wattage and pulse loading capability.



TAP650 Series

Ohmite's TAP650 delivers 650 watts of reliable power to a variety of power conditioning, power transmission, and power control applications. These Resistors can be designed for liquid or air cooled heat sink systems. Applications include variable speed drives, power supplies, robotics, motor control, and other control devices. Resistive element of the TAP650 is specially designed for low inductance and capacitance providing stable performance in addition to high wattage and pulse loading capability. The TAP650 is designed for applications that require low profile mounting.

ARG Series

The ARG Series is a high-performance heatsinkable aluminum housed Resistor. These aluminum-housed Resistors are suited to withstand industrial applications that may include vibration, shock, and harsh environmental conditions. The ARG Resistors provide heat-sinking capabilities for extended power dissipation. This wirewound series also includes wired connection points with covered connectors. The ARG Series is available in power ratings from 150 watts to 400 watts with proper heatsinking.



High Power Resistors

Ohmite has multiple part series for High Power applications. Parts range from thick film to wirewound and many can be attached to a heatsink for enhanced power dissipation. Due to multiple mounting options and constructions, Ohmite is confident customers will find the proper High Power Resistor required to fit their needs.

OHMITE®



WFH Series

Ohmite's new flat core winding technology allows for wirewound heatsinkable Resistors affording a very low profile, and superior thermal transfer characteristics when compared to conventional aluminum-housed wirewound resistors.

Close mounting of heat sensitive components is possible due to only a slight rise of the temperature on the aluminum profile. No heat sink compound is required because of the large mounting surface.



89 Series

The 89 Series is a high-performance axial heatsinkable Resistor. These molded-construction metal-housed Resistors are available in higher power ratings than standard axial resistors and are better suited to withstanding vibration, shock, and harsh environmental conditions. The 89 Series Metal-Mite® Resistors are aluminum housed to maintain high stability during operation and to permit secure mounting to chassis surfaces. The metal housing also provides heat-sinking capabilities.



TL Series

The TL Series add heat sinkable options to the thick film resistor family. The resistor element is packaged with plastic insulators, and quick-connect terminals in a symmetrical aluminum profile for easy heat sink mounting. Special tapped configurations are offered to reduce on-board component count.

Efficient thermal packaging provides improved heat conduction to the Heatsink. The self-insulating package design increases voltage-withstanding characteristics when compared to traditional aluminum housings. The in-line mounting profile makes the TL Series easily adaptable to most heatsink systems. Thermal compound is always recommended when heat sinking.



TGH Series

Due to their non-inductive design, these Resistors are ideally suited for high-frequency and pulse-load applications. Available in 120- or 200-watt sizes, this Resistor is designed for direct mounting onto a heatsink. Popular applications include variable speed drives, power supplies, control devices, telecom, robotics, motor controls, and other switching designs.



270 Series

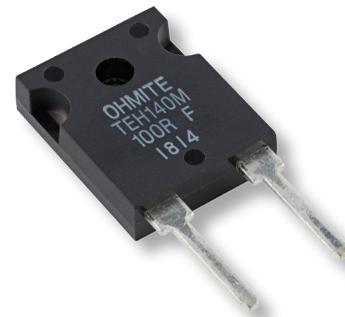
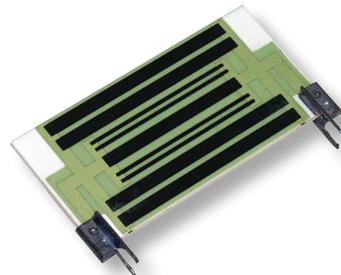
Select 270 Series Fixed Resistors for applications requiring wattage ratings from 12 to 1000 watts. The 270 Series Resistors are equipped with lug terminals suitable for soldering or sturdy bolt connection. When secure mounting is required, the hollow core of these Resistors permit fastening with spring-type brackets, through bolts or through bolts with slotted-steel brackets.

Suitable for rugged applications, the 270 Series Resistors feature all-welded construction and durable lead-free vitreous enamel coating. Mounting brackets not included with Resistors.

TA Series

Ohmite's original Power Chip Resistors feature our thick film on alumina substrate technology. These planar packages yield space saving, 10W/ in two power densities that require over 50% less board space than other radial packages. Convection cooling is maximized by the planar package configuration which dissipates heat well above the board level.

Ohmite's Power Chip Resistors have a 125% higher operating temperature range than competitive products of similar design. High temperature solder and in-process plating keep terminations secure under self-heating effects by preventing re-flow from full power operation. Flexible packaging schemes make these Resistors ideal for power supplies, audio amplifiers, video flyback, and other power control applications.



TEH140 Series

The TEH140 Series from Ohmite is a totally encapsulated and insulated TO-247 Package Resistor. The thick-film construction allows for non-inductive, high-frequency, and pulsing application consideration. The TEH140 series is rated at 140 watts mounted to a proper heatsink. Ohmite offers thermal solutions for the TEH140 and other popular package sizes.