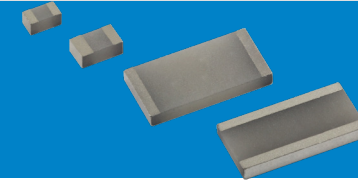




THE VISHAY ADVANTAGE AND WHY IT MATTERS... PASSIVE THERMAL MANAGEMENT

ThermaWick™ Thermal Jumper Electrically Isolated Thermal Conductor



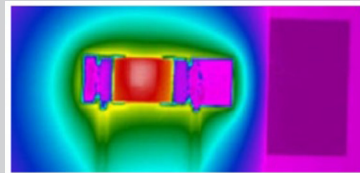
Industrial



Military



Telecommunications



Ceramic Resistor Chip Without Thermal Jumper (149.8 °C)

**Example Showing
Reduction in
Component Temperature**



Ceramic Chip Resistor With Thermal Jumper (95.5 °C)

Product Family	Advantage	Why it Matters (Benefit to the Engineer)	Where Should it Be Considered?	Best Parameter / Example
THJP , ThermaWick™ thermal jumper	Remove heat from hot components	Increases the power handling capability of associated components, or extends component life at existing conditions, while maintaining a neutral potential to the heatsink or chassis	All components that generate heat and cannot be electrically grounded	Thermal conductance 0603: 66 (mW/°C) 0805: 77 (mW/°C) 1225: 259 (mW/°C)

Other Customer Benefits	How Is This Achieved?	Example Device / Details	Comments
Can be used with a common heatsink while maintaining electrical isolation of each component	Takes advantage of unique material properties	The example above shows that the THJP1206 thermal jumper reduces surface temperature by 36 %	Available in six standard SMD case sizes, with custom sizes available upon request