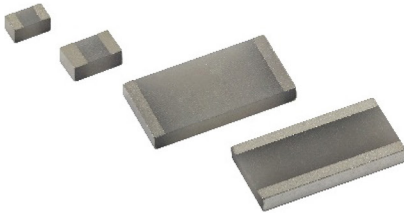


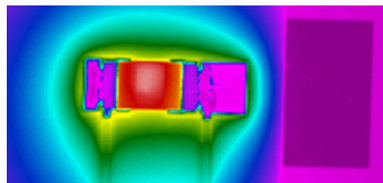


DID YOU KNOW? **ThermaWick™ THERMAL JUMPER CAPABILITY**

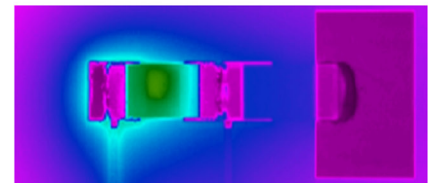
Vishay Thin Film has launched a new product that provides associated devices with an electrically isolated thermal conductive pathway to a ground plane or heat sink while maintaining the electrical isolation of the device. The ThermaWick™ thermal jumper can increase the power handling capability of connected components, or extend their life under existing conditions, while maintaining a neutral potential to the heatsink or chassis.



Example THJP 1206 Thermal Jumper showing 36 % surface temperature reduction



Ceramic Resistor Chip Without Thermal Jumper (149.8 °C)



Ceramic Chip Resistor With Thermal Jumper (95.5 °C)

Additional Key Advantages of the ThermaWick Thermal Jumper

- Electrically isolated thermal conductor
- Low capacitance
- Significant reduction in temperature of associated devices (> 25 %)
- Improve overall circuit reliability by protecting adjacent components from thermal loads
- Configurations
 - SMD case sizes from 0603 to 2512
 - Long side terminations in the 0612 and 1225 case sizes for additional heat transfer
 - Custom sizes available
- Available with lead (Pb)-bearing or lead (Pb)-free (RoHS-complaint) wraparound solderable terminations

Useful Links

- Did You Know? www.vishay.com/doc?48669
- Why It Matters www.vishay.com/doc?48668
- Datasheet www.vishay.com/ppg?60157
- 3D Models www.vishay.com/doc?60158

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