## The Vishay Advantage and Why It Matters...

### Passive Thermal Management

**ThermaWick® Thermal Jumper**
Electrically Isolated Thermal Conductor

### Advantage

**Remove heat from hot components**

### Why it Matters (Benefit to the Engineer)

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.

### Where Should it Be Considered?

All components that generate heat and cannot be electrically grounded.

### Best Parameter / Example

- **0603**: 66 (mW/°C)
- **0805**: 77 (mW/°C)
- **1225**: 259 (mW/°C)

### Other Customer Benefits

- Can be used with a common heatsink while maintaining electrical isolation of each component

### How Is This Achieved?

Takes advantage of unique material properties

### Example Device / Details

The example above shows that the THJP1206 thermal jumper reduces surface temperature by 36%.

### Comments

Available in six standard SMD case sizes, with custom sizes available upon request.