



Click [here](#) for the 3D model.

Dimensions

| | |
|-----------|-----------------|
| Chip Size | 1812 |
| L | 4.7mm +/-0.4mm |
| W | 3.2mm +/-0.3mm |
| T | 1.25mm MAX |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 1500 |

General Information

| | |
|----------------|-------------------------|
| Supplier | KEMET |
| Series | VC |
| Type | Varistors |
| Style | SMD Chip |
| Description | Surface Mount Varistors |
| Features | Low Voltage |
| Termination | Nickel Tin |
| RoHS | With Exemptions |
| Qualifications | IEC, UL, AEC-Q200 |
| AEC-Q200 | Yes |

Specifications

| | |
|---------------------------|------------------------|
| Voltage DC | 11 VDC (25C) |
| Voltage AC | 8 VAC |
| Temperature Range | -55/+125°C |
| Storage Temperature Range | -55/+150°C |
| Varistor Voltage | 15 VDC at 1 mA |
| Clamping Voltage | 25 V |
| Clamping Current | 5 A (8/20 us MAX) |
| Surge Current | 500 A (8/20 us MAX) |
| Energy | 1.9 J (10/1000 us MAX) |
| Capacitance | 6300 pF (1kHz) |