



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

General Information

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|----------------|-------------------------|
| 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 |

Dimensions

| | |
|-----------|-----------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.2mm |
| W | 0.8mm +/-0.1mm |
| T | 0.95mm MAX |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 3500 |

Specifications

| | |
|---------------------------|------------------------|
| Voltage DC | 38 VDC (25C) |
| Voltage AC | 30 VAC |
| Temperature Range | -55/+125°C |
| Storage Temperature Range | -55/+150°C |
| Varistor Voltage | 47 VDC at 1 mA |
| Clamping Voltage | 77 V |
| Clamping Current | 1 A (8/20 us MAX) |
| Surge Current | 30 A (8/20 us MAX) |
| Energy | 0.1 J (10/1000 us MAX) |
| Power | 0.003 W (MAX) |
| Capacitance | 160 pF (1kHz) |

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