



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, AEC-Q200 |

Dimensions

| | |
|----------------------|-----------------|
| L | 2mm +/-0.25mm |
| W | 1.25mm +/-0.2mm |
| T | 1.05mm MAX |
| B | 0.5mm +/-0.25mm |
| Case Code (EIA / mm) | 0805 / 2012 |

Packaging Specifications

| | |
|--------------------|------|
| 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 | 120 A (8/20 us MAX) |
| Energy | 0.2 J (10/1000 us MAX) |
| Power | 0.005 W (MAX) |
| Capacitance | 230 pF (1kHz) |

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