



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

General Information

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|----------------|-------------------------|
| Supplier | KEMET |
| Series | VP |
| Type | Varistors |
| Style | SMD Molded |
| Description | Surface Mount Varistors |
| Features | Plastic Encapsulated |
| Termination | Nickel Tin |
| RoHS | With Exemptions |
| Qualifications | UL |
| AEC-Q200 | No |

Dimensions

| | |
|-----------|----------------|
| Chip Size | 3225 |
| L | 8mm +/-0.5mm |
| W | 6.3mm +/-0.4mm |
| H | 4.7mm +/-0.3mm |
| F | 3mm +/-0.3mm |
| B | 1.5mm +/-0.3mm |
| K | 2.3mm +/-0.3mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 1000 |

Specifications

| | |
|---------------------------|-----------------------|
| Voltage DC | 320 VDC (25C) |
| Voltage AC | 250 VAC |
| Temperature Range | -40/+85°C |
| Storage Temperature Range | -40/+125°C |
| Varistor Voltage | 390 VDC at 1 mA |
| Clamping Voltage | 650 V |
| Clamping Current | 5 A (8/20 us MAX) |
| Surge Current | 400 A (8/20 us MAX) |
| Energy | 11 J (10/1000 us MAX) |
| Power | 0.1 W (MAX) |
| Capacitance | 80 pF (1kHz) |

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