



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 2220            |
| L         | 5.7mm +/-0.5mm  |
| W         | 5mm +/-0.4mm    |
| T         | 1.9mm MAX       |
| B         | 0.5mm +/-0.25mm |

### Packaging Specifications

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

### General Information

|                |                         |
|----------------|-------------------------|
| 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                | 125 VDC (25C)          |
| Voltage AC                | 95 VAC                 |
| Temperature Range         | -55/+125°C             |
| Storage Temperature Range | -55/+150°C             |
| Varistor Voltage          | 150 VDC at 1mA         |
| Clamping Voltage          | 250 V                  |
| Clamping Current          | 10 A (8/20 us MAX)     |
| Surge Current             | 500 A (8/20 us MAX)    |
| Energy                    | 7.4 J (10/1000 us MAX) |
| Capacitance               | 600 pF (1kHz)          |