



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 1210            |
| L         | 3.2mm +/-0.3mm  |
| W         | 2.5mm +/-0.25mm |
| T         | 1.45mm          |
| B         | 0.5mm +/-0.25mm |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 2500 |

### General Information

|                |                              |
|----------------|------------------------------|
| Series         | VE                           |
| Type           | Varistors                    |
| Style          | SMD Chip                     |
| Description    | Surface Mount Varistors      |
| Features       | Low Voltage High Temperature |
| Termination    | Nickel Tin                   |
| RoHS           | Yes                          |
| Qualifications | IEC, UL, AEC-Q200            |
| AEC-Q200       | Yes                          |

### Specifications

|                           |                        |
|---------------------------|------------------------|
| Voltage DC                | 31 VDC (25C)           |
| Voltage AC                | 25 VAC                 |
| Temperature Range         | -55/+150°C             |
| Storage Temperature Range | -55/+150°C             |
| Varistor Voltage          | 39 VDC at 1mA          |
| Clamping Voltage          | 67 V                   |
| Clamping Current          | 3 A (8/20 us MAX)      |
| Surge Current             | 400 A (8/20 us MAX)    |
| Energy                    | 1.8 J (10/1000 us MAX) |
| Capacitance               | 1060 pF (1kHz)         |