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#### General Information

|                |                         |
|----------------|-------------------------|
| 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           |
| AEC-Q200       | Yes                     |

#### Dimensions

|                      |                 |
|----------------------|-----------------|
| L                    | 3.2mm +/-0.3mm  |
| W                    | 1.6mm +/-0.2mm  |
| T                    | 1.65mm MAX      |
| B                    | 0.5mm +/-0.25mm |
| Case Code (EIA / mm) | 1206 / 3216     |

#### Specifications

|                           |                      |
|---------------------------|----------------------|
| Voltage DC                | 31 VDC (25C)         |
| Voltage AC                | 25 VAC               |
| Temperature Range         | -55/+125°C           |
| Storage Temperature Range | -55/+150°C           |
| Varistor Voltage          | 39 VDC at 1 mA       |
| Clamping Voltage          | 65 V                 |
| Clamping Current          | 1 A (8/20 us MAX)    |
| Surge Current             | 200 A (8/20 us MAX)  |
| Energy                    | 1 J (10/1000 us MAX) |
| Power                     | 0.008 W (MAX)        |
| Capacitance               | 510 pF (1kHz)        |

#### Packaging Specifications

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

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