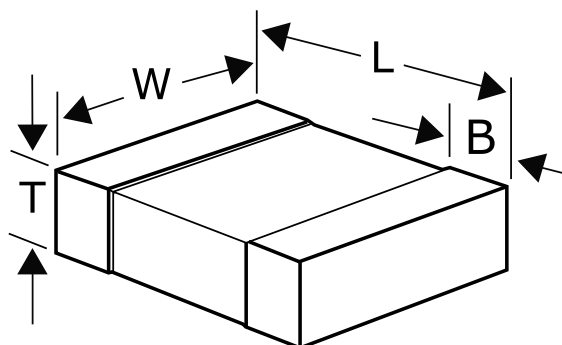


KEMET, VC, Varistors, Low Voltage, 18 V, 14 VAC, 22 V, 38 V, 1 A, 120 A, 400 mJ, 5000 uW

**General Information**

|              |                         |
|--------------|-------------------------|
| Supplier:    | KEMET                   |
| Series:      | VC                      |
| Type:        | Varistors               |
| Style:       | SMD Chip                |
| Description: | Surface Mount Varistors |
| Features:    | Low Voltage             |
| Termination: | Nickel Tin              |
| RoHS:        | Yes                     |
| AEC-Q200:    | Yes                     |

**Dimensions**

|           |                 |
|-----------|-----------------|
| Chip Size | 0805            |
| L         | 2mm +/-0.25mm   |
| W         | 1.25mm +/-0.2mm |
| T         | 0.8mm MAX       |
| B         | 0.5mm +/-0.25mm |

**Packaging Specifications**

|                     |      |
|---------------------|------|
| Packaging:          | T&R  |
| Packaging Quantity: | 4000 |

**Specifications**

|                            |                        |
|----------------------------|------------------------|
| Voltage DC:                | 18 VDC (25C)           |
| Voltage AC:                | 14 VAC                 |
| Temperature Range:         | -55/+125°C             |
| Storage Temperature Range: | -55/+150°C             |
| Varistor Voltage:          | 22 VDC at 1 mA         |
| Clamping Voltage:          | 38 V                   |
| Clamping Current:          | 1 A (8/20 us MAX)      |
| Surge Current:             | 120 A (8/20 us MAX)    |
| Energy:                    | 0.4 J (10/1000 us MAX) |
| Capacitance:               | 355 pF (1kHz)          |