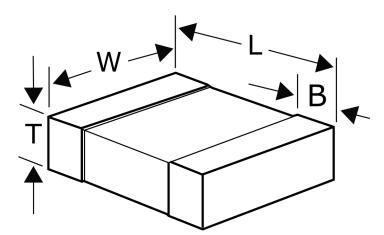


VC0805K121R025

General Information

VC, Varistors, Low Voltage, 31 V, 25 VAC, 39 V, 65 V, 1 A, 120 A, 200 mJ, 5000 uW $\,$



Series VC Туре Varistors Style SMD Chip Description Surface Mount Varistors Features Low Voltage 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/+125°C |
| Storage Temperature Range | -55/+150°C |
| Varistor Voltage | 39 VDC at 1 mA |
| Clamping Voltage | 65 V |
| Clamping Current | 1A (8/20 us MAX) |
| Surge Current | 120 A (8/20 us MAX) |
| Energy | 0.2 J (10/1000 us MAX) |
| Capacitance | 260 pF (1kHz) |

Click here for the 3D model.

| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 0805 | |
| L | 2mm +/-0.25mm | |
| W | 1.25mm +/-0.2mm | |
| т | 1.05mm MAX | |
| В | 0.5mm +/-0.25mm | |

Packaging Specifications

| Packaging | T&R |
|--------------------|------|
| Packaging Quantity | 3500 |

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