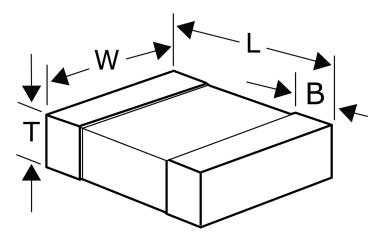


VE1812K801R014

VE, Varistors, Low Voltage High Temperature, 18 V, 14 VAC, 22 V, 40 V, 5 A, 800 A, 2.4 J, 15 mW



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 | 18 VDC (25C) |
| Voltage AC | 14 VAC |
| Temperature Range | -55/+150°C |
| Storage Temperature Range | -55/+150°C |
| Varistor Voltage | 22 VDC at 1 mA |
| Clamping Voltage | 40 V |
| Clamping Current | 5 A (8/20 us MAX) |
| Surge Current | 800 A (8/20 us MAX) |
| Energy | 2.4 J (10/1000 us MAX) |
| Capacitance | 4200 pf (1kHz) |

Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Chip Size | 1812 |
| L | 4.7mm +/-0.4mm |
| W | 3.2mm +/-0.3mm |
| Т | 1.25mm |
| В | 0.5mm +/-0.25mm |

Packaging Specifications

| Packaging | T&R |
|--------------------|------|
| Packaging Quantity | 1500 |

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