



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

### Dimensions

Chip Size	0603
L	1.6mm +/-0.2mm
W	0.8mm +/-0.1mm
T	0.95mm
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	3500

### 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	38 VDC (25C)
Voltage AC	30 VAC
Temperature Range	-55/+150°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	47 VDC at 1 mA
Clamping Voltage	79 V
Clamping Current	1 A (8/20 us MAX)
Surge Current	30 A (8/20 us MAX)
Energy	0.1 J (10/1000 us MAX)
Capacitance	160 pf (1kHz)