



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

Dimensions

Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.9mm
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

General Information

Supplier	KEMET
Series	VE
Type	Varistors
Style	SMD Chip
Description	Surface Mount Varistors
Features	Low Voltage High Temperature
Termination	Nickel Tin
RoHS	With Exemptions
Qualifications	IEC, UL, AEC-Q200
AEC-Q200	Yes

Specifications

Voltage DC	125 VDC (25C)
Voltage AC	95 VAC
Temperature Range	-55/+150°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	150 VDC at 1mA
Clamping Voltage	252 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	300 A (8/20 us MAX)
Energy	5.2 J (10/1000 us MAX)
Capacitance	340 pF (1kHz)