



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

Dimensions

Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.25mm
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	1500

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	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)