



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

Dimensions

Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.85mm
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

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	65 VDC (25C)
Voltage AC	50 VAC
Temperature Range	-55/+150°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	82 VDC at 1 mA
Clamping Voltage	137 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	400 A (8/20 us MAX)
Energy	4.8 J (10/1000 us MAX)
Capacitance	710 pF (1kHz)