



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

Dimensions

Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.55mm MAX
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

General Information

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

Specifications

Voltage DC	56 VDC (25C)
Voltage AC	40 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	68 VDC at 1 mA
Clamping Voltage	110 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	600 A (8/20 us MAX)
Energy	4.8 J (10/1000 us MAX)
Capacitance	1000 pF (1kHz)