



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

#### 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

#### Dimensions

Chip Size	1206
L	3.2mm +/-0.3mm
W	1.6mm +/-0.2mm
T	1.65mm MAX
B	0.5mm +/-0.25mm

#### Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

#### Specifications

Voltage DC	8 VDC (25C)
Voltage AC	6 VAC
Temperature Range	-55/ +125°C
Storage Temperature Range	-55/ +150°C
Varistor Voltage	11 VDC at 1 mA
Clamping Voltage	21 V
Clamping Current	1 A (8/20 us MAX)
Surge Current	150 A (8/20 us MAX)
Energy	0.5 J (10/1000 us MAX)
Power	0.008 W (MAX)
Capacitance	2600 pF (1kHz)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.