



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, AEC-Q200

**Dimensions**

L	2mm +/-0.25mm
W	1.25mm +/-0.2mm
T	1.05mm MAX
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

**Packaging Specifications**

Packaging	T&R
Packaging Quantity	3500

**Specifications**

Voltage DC	31 VDC (25C)
Voltage AC	25 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	39 VDC at 1 mA
Clamping Voltage	65 V
Clamping Current	1 A (8/20 us MAX)
Surge Current	120 A (8/20 us MAX)
Energy	0.2 J (10/1000 us MAX)
Power	0.005 W (MAX)
Capacitance	260 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.