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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	3.2mm +/-0.3mm
W	2.5mm +/-0.25mm
T	1.75mm MAX
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1210 / 3225

Specifications

Voltage DC	45 VDC (25C)
Voltage AC	35 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	56 VDC at 1 mA
Clamping Voltage	90 V
Clamping Current	3 A (8/20 us MAX)
Surge Current	250 A (8/20 us MAX)
Energy	2.2 J (10/1000 us MAX)
Power	0.01 W (MAX)
Capacitance	670 pF (1kHz)

Packaging Specifications

Packaging	T&R
Packaging Quantity	2500

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