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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
AEC-Q200	Yes

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

Specifications

Voltage DC	14 VDC (25C)
Voltage AC	11 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	18 VDC at 1mA
Clamping Voltage	33 V
Clamping Current	1A (8/20 us MAX)
Surge Current	120 A (8/20 us MAX)
Energy	0.3 J (10/1000 us MAX)
Power	0.005 W (MAX)
Capacitance	400 pF (1kHz)

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

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