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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, UL, AEC-Q200
AEC-Q200	Yes

Dimensions

Chip Size	0805
L	2mm +/-0.25mm
W	1.25mm +/-0.2mm
T	1.05mm MAX
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	3500

Specifications

Voltage DC	38 VDC (25C)
Voltage AC	30 VAC
Temperature Range	-55/ +125°C
Storage Temperature Range	-55/ +150°C
Varistor Voltage	47 VDC at 1 mA
Clamping Voltage	77 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	230 pF (1kHz)

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