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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	2220
L	5.7mm +/-0.5mm
W	5mm +/-0.4mm
T	1.85mm MAX
B	0.5mm +/-0.25mm

Specifications

Voltage DC	65 VDC (25C)
Voltage AC	50 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	82 VDC at 1 mA
Clamping Voltage	135 V
Clamping Current	10 A (8/20 us MAX)
Surge Current	800 A (8/20 us MAX)
Energy	5.8 J (10/1000 us MAX)
Power	0.02 W (MAX)
Capacitance	1500 pF (1kHz)

Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

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