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General Information

Supplier	KEMET
Series	VE
Type	Varistors
Style	SMD Chip
Description	Surface Mount Varistors
Features	Low Voltage High Temperature
Termination	Nickel Tin
RoHS	With Exemptions
Qualifications	IEC, AEC-Q200
AEC-Q200	Yes

Dimensions

L	1.6mm +/-0.2mm
W	0.8mm +/-0.1mm
T	0.95mm
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0603 / 1608

Specifications

Voltage DC	18 VDC (25C)
Voltage AC	14 VAC
Temperature Range	-55/+150°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	22 VDC at 1 mA
Clamping Voltage	40 V
Clamping Current	1 A (8/20 us MAX)
Surge Current	30 A (8/20 us MAX)
Energy	0.3 J (10/1000 us MAX)
Power	0.003 W (MAX)
Capacitance	195 pF (1kHz)

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

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