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#### General Information

Supplier	KEMET
Series	VA
Type	Varistors
Style	SMD Chip
Description	SMD 125C Multilayer Chip Varistor, 12V Power Supply
Features	Automotive
Termination	Nickel Tin
RoHS	With Exemptions
Qualifications	IEC, AEC-Q200
AEC-Q200	Yes

#### Dimensions

Chip Size	2220
L	5.7mm +/-0.5mm
W	5mm +/-0.4mm
T	1.4mm
B	0.5mm +/-0.25mm

#### Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

#### Specifications

Voltage DC	20 VDC (25C)
Voltage AC	17 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	27 VDC at 1 mA
Jump Start Voltage	30 VDC (5 min)
Clamping Voltage	44 V
Clamping Current	10 A (8/20 us MAX)
Surge Current	1200 A (8/20 us MAX)
Energy	7.2 J (10/1000 us MAX)
Load Dump	12 J
Power	0.03 W (MAX)
Capacitance	8 nF (1kHz)

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