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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	16 VDC (25C)
Voltage AC	14 VAC
Temperature Range	-55/ +125°C
Storage Temperature Range	-55/ +150°C
Varistor Voltage	24 VDC at 1 mA
Jump Start Voltage	24.5 VDC (5 min)
Clamping Voltage	40 V
Clamping Current	10 A (8/20 us MAX)
Surge Current	1200 A (8/20 us MAX)
Energy	5.8 J (10/1000 us MAX)
Load Dump	12 J
Power	0.03 W (MAX)
Capacitance	10 nF (1kHz)

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