



Click [here](#) for the 3D model.

### Dimensions

Chip Size	0805
L	2mm +/-0.25mm
W	1.25mm +/-0.2mm
T	1mm
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	3500

### General Information

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

### 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	1 A (8/20 us MAX)
Surge Current	120 A (8/20 us MAX)
Energy	0.5 J (10/1000 us MAX)
Load Dump	1 J
Capacitance	0.37 nF (1kHz)