



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

Dimensions

Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.3mm
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

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	5 A (8/20 us MAX)
Surge Current	800 A (8/20 us MAX)
Energy	2.9 J (10/1000 us MAX)
Load Dump	6 J
Capacitance	3.8 nF (1kHz)