



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

### Dimensions

Chip Size	2220
L	5.7mm +/-0.5mm
W	5mm +/-0.4mm
T	1.45mm MAX
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

### General Information

Series	VC
Type	Varistors
Style	SMD Chip
Description	Surface Mount Varistors
Features	Low Voltage
Termination	Nickel Tin
RoHS	Yes
Qualifications	IEC, UL, AEC-Q200
AEC-Q200	Yes

### Specifications

Voltage DC	38 VDC (25C)
Voltage AC	30 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	47 VDC at 1 mA
Clamping Voltage	77 V
Clamping Current	10 A (8/20 us MAX)
Surge Current	1200 A (8/20 us MAX)
Energy	12.2 J (10/1000 us MAX)
Capacitance	4000 pF (1kHz)