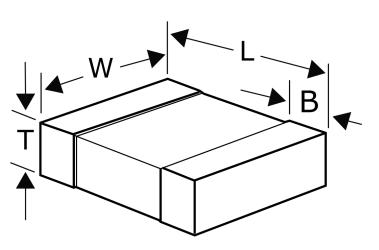


## VE1812K401R050

VE, Varistors, Low Voltage High Temperature, 65 V, 50 VAC, 82 V, 137 V, 5 A, 400 A, 4.8 J, 15  $\,\mathrm{mW}$ 



Click here for the 3D model.

Dimensions	,
Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.85mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	1000	

General Information		
General information		
Series	VE	
Type	Varistors	
Style	SMD Chip	
Description	Surface Mount Varistors	
Features	Low Voltage High Temperature	
Termination	Nickel Tin	
RoHS	Yes	
Qualifications	IEC, UL, AEC-Q200	
AEC-Q200	Yes	

Specifications	
Voltage DC	65 VDC (25C)
Voltage AC	50 VAC
Temperature Range	-55/+150°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	82 VDC at 1 mA
Clamping Voltage	137 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	400 A (8/20 us MAX)
Energy	4.8 J (10/1000 us MAX)
Capacitance	710 pF (1kHz)

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