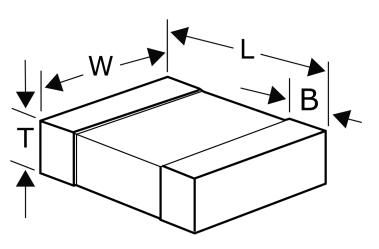


## VE1812K801R025

VE, Varistors, Low Voltage High Temperature, 31 V, 25 VAC, 39 V, 67 V, 5 A, 800 A, 3.9 J, 15  $\,\mathrm{mW}$ 



Click here for the 3D model.

Dimensions	
Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	1.55mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	1000	

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

Specifications		
<u> </u>	21) (DC (25C)	
Voltage DC	31 VDC (25C)	
Voltage AC	25 VAC	
Temperature Range	-55/+150°C	
Storage Temperature Range	-55/+150°C	
Varistor Voltage	39 VDC at 1 mA	
Clamping Voltage	67 V	
Clamping Current	5 A (8/20 us MAX)	
Surge Current	800 A (8/20 us MAX)	
Energy	3.9 J (10/1000 us MAX)	
Capacitance	2300 pF (1kHz)	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.