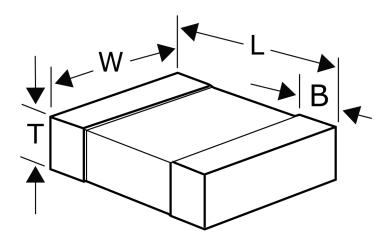


VE0603K300R025

**General Information** 

Series

VE, Varistors, Low Voltage High Temperature, 31 V, 25 VAC, 39 V, 67 V, 1A, 30 A, 100 mJ, 3000 uW



Туре 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

VE

Specifications	,
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	1 A (8/20 us MAX)
Surge Current	30 A (8/20 us MAX)
Energy	0.1 J (10/1000 us MAX)
Capacitance	165 pF (1kHz)

Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.2mm
W	0.8mm +/-0.1mm
Т	0.95mm MAX
В	0.5mm +/-0.25mm

## Packaging Specifications

Packaging	T&R
Packaging Quantity	3500

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.

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