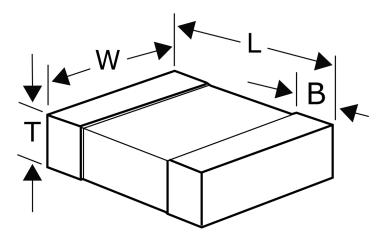


VC0603K300R030

VC, Varistors, Low Voltage, 38 V, 30 VAC, 47 V, 77 V, 1 A, 30 A, 100 mJ, 3000 uW



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	1 A (8/20 us MAX)
Surge Current	30 A (8/20 us MAX)
Energy	0.1 J (10/1000 us MAX)
Capacitance	160 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.