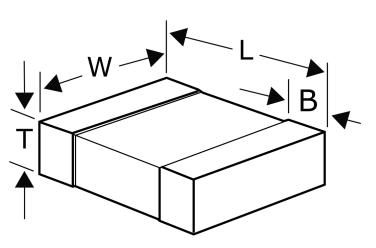


## VC1812K401R060

VC, Varistors, Low Voltage, 85 V, 60 VAC, 100 V, 165 V, 5 A, 400 A, 5.8 J, 15  $\,\mathrm{mW}$ 



Click here for the 3D model.

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

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	1000	

General Information		
Series	VC	
Туре	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	85 VDC (25C)
Voltage AC	60 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	100 VDC at 1 mA
Clamping Voltage	165 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	400 A (8/20 us MAX)
Energy	5.8 J (10/1000 us MAX)
Capacitance	580 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.