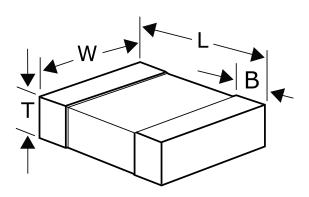
## KEMET Part Number: VC1812K401R060



## Varistors, VC, Low Voltage, 85 V, 60 VAC, 100 V, 165 V, 5 A, 400 A, 5.8 J, 15 mW



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	
Туре:	Varistors
Style:	SMD Chip
Series:	VC
Description:	Surface Mount Varistors
Features:	Low Voltage
Termination:	Nickel Tin
RoHS:	Yes
Approvals:	CECC, IEC, AEC-Q200

Specifications		
Voltage DC:	85 VDC (25C)	
Voltage AC:	60 VAC	
Temperature Range:	-55/+125C	
Storage Temperature Range:	-55/+150C	
Varistor Voltage:	100 VDC at 1 mAmps	
Clamping Voltage:	165 V	
Clamping Current:	5 Amps (8/20 us MAX)	
Surge Current:	400 Amps (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.

