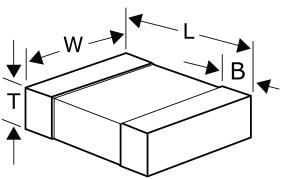
## KEMET Part Number: VC1812K601R035



## Varistors, VC, Low Voltage, 45 V, 35 VAC, 56 V, 90 V, 5 A, 600 A, 4.2 J, 15 mW



→ R	Series:	VC
	Description:	Surface Mount Varistors
	Features:	Low Voltage
	Termination:	Nickel Tin
	RoHS:	Yes
	Approvals:	CECC, IEC, AEC-Q200
	Charifications	

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

Packaging Specifications		
Packaging:	T&R	
Packaging Quantity:	1000	

Specifications		
Voltage DC:	45 VDC (25C)	
Voltage AC:	35 VAC	
Temperature Range:	-55/+125C	
Storage Temperature Range:	-55/+150C	
Varistor Voltage:	56 VDC at 1 mAmps	
Clamping Voltage:	90 V	
Clamping Current:	5 Amps (8/20 us MAX)	
Surge Current:	600 Amps (8/20 us MAX)	
Energy:	4.2 J (10/1000 us MAX)	
Capacitance:	1340 pF (1kHz)	

**General Information** 

Varistors

SMD Chip

Type:

Style:

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.

