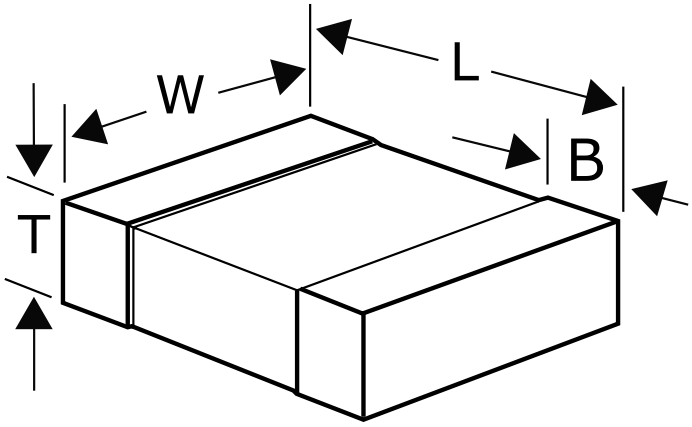
VC1812K301R115

Obsolete

KEMET, VC, Varistors, Commercial Grade, 150 V, 115 VAC, 300 V, 5 A, 300 A, 5.2 J



Click here for the 3D model.

General Information	
Supplier	KEMET
Series	VC
Type	Varistors
Style	SMD Chip
Description	Surface Mount Varistors
Features	Low Voltage
Termination	Nickel Tin
RoHS	With Exemptions
Qualifications	IEC, AEC-Q200

Dimensions	
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.9mm MAX
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1812 / 4532

Packaging Specifications	
Packaging	T&R
Packaging Quantity	1000

Specifications	
Voltage DC	150 VDC (25C)
Voltage AC	115 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	180 VDC at 1 mA
Varistor Volt. @ 1 mA	180 VDC
Clamping Voltage	300 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	300 A (8/20 us MAX)
Energy	5.2 J (10/1000 us MAX)
Power	0.015 W (MAX)
Capacitance	310 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.

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