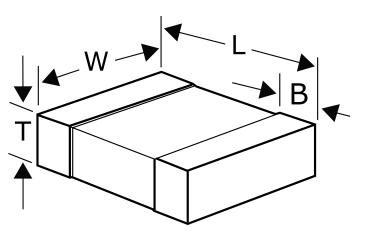


VC1812M501R004

KEMET, VC, Varistors, Commercial Grade, 5.5 V, 4 VAC, 14 V, 5 A, 500 A, 800 mJ $\,$





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

Click here for the 3D model.

Dimensions	
Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	1.9mm MAX
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	1500

Specifications	
Voltage DC	5.5 VDC (25C)
Voltage AC	4 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	8 VDC at 1 mA
Clamping Voltage	14 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	500 A (8/20 us MAX)
Energy	0.8 J (10/1000 us MAX)
Power	0.015 W (MAX)
Capacitance	10000 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.

Generated 08/21/2025 © 2006 - 2025 YAGEO