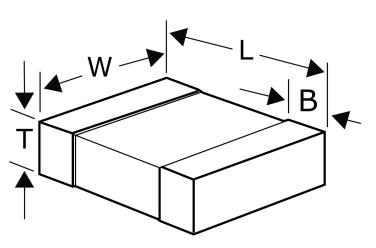


VA0805K121R014

VA, Varistors, Automotive, 16 V, 14 VAC, 24 V, 24.5 V, 40 V, 1 A, 120 A, 300 mJ, 1 J, 8000 uW



Click here for the 3D model.

Dimensions	
Chip Size	0805
L	2mm +/-0.25mm
W	1.25mm +/-0.2mm
Т	1mm
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	3500

General Information		
Series	VA	
Type	Varistors	
Style	SMD Chip	
Description	SMD 125C Multilayer Chip Varistor, 12V Power Supply	
Features	Automotive	
Termination	Nickel Tin	
RoHS	Yes	
Qualifications	IEC, AEC-Q200	
AEC-Q200	Yes	

Considerations	
Specifications	
Voltage DC	16 VDC (25C)
Voltage AC	14 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	24 VDC at 1 mA
Jump Start Voltage	24.5 VDC (5 min)
Clamping Voltage	40 V
Clamping Current	1A (8/20 us MAX)
Surge Current	120 A (8/20 us MAX)
Energy	0.3 J (10/1000 us MAX)
Load Dump	1J
Capacitance	0.44 nF (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.