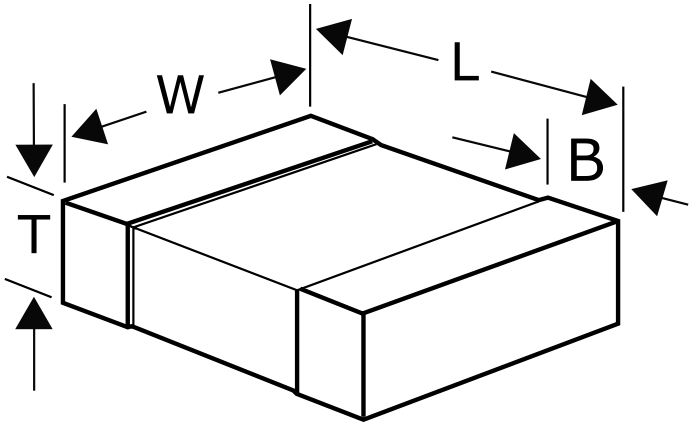
VC1812K401R050

KEMET, VC, Varistors, Commercial Grade, 65 V, 50 VAC, 135 V, 5 A, 400 A, 4.8 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	65 VDC (25C)
Voltage AC	50 VAC
Temperature Range	-55/+125°C
Storage Temperature Range	-55/+150°C
Varistor Voltage	82 VDC at 1 mA
Varistor Volt. @ 1 mA	82 VDC
Clamping Voltage	135 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	400 A (8/20 us MAX)
Energy	4.8 J (10/1000 us MAX)
Power	0.015 W (MAX)
Capacitance	710 pF (1kHz)

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