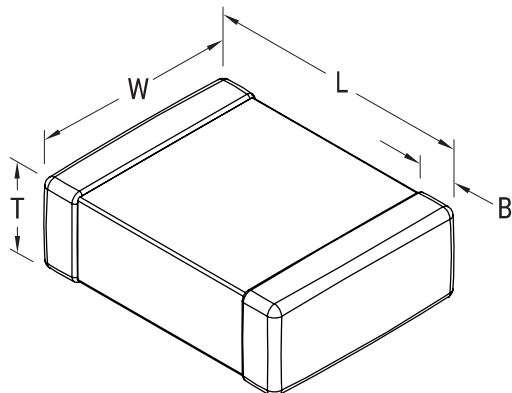


KEMET Part Number: C1206X102K5GECAUTO



ESD SMD Auto C0G, Ceramic, Electro Static Discharge, 1000 pF, 10%, 50 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 1206



Dimensions

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	0.78mm +/-0.20mm
B	0.6mm +/-0.25mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	4000

General Information

Supplier:	KEMET
Series:	ESD SMD Auto C0G
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts
Chip Size:	1206

Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
ESD Level per AEC-Q200:	12,000 V ESD Level
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.10% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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