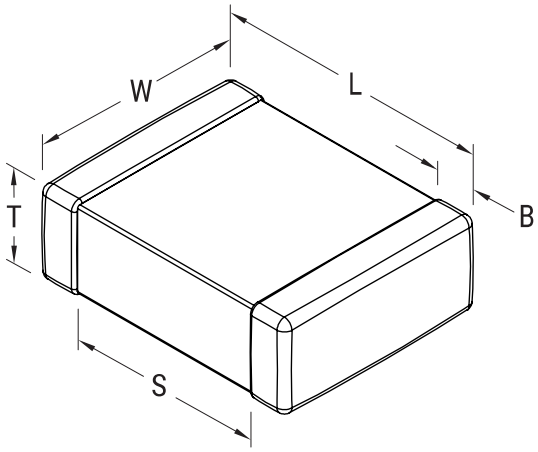
C0402C152K5GECAUTO

ESD SMD Auto C0G, Ceramic, 1,500 pF, 10%, 50 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0402 / 1005



Click here for the 3D model.

General Information	
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	Tin
Marking	No
Qualifications	AEC-Q200
Typical Component Weight	1.06 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm
Case Code (EIA / mm)	0402 / 1005

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

Specifications	
Capacitance	1,500 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
ESD Level per AEC-Q200	6,000 V ESD Level
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	C0G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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