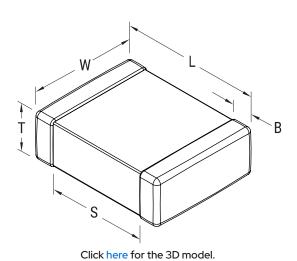




SMD Auto COG, Ceramic, 150 pF, 5%, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0402, 0.3 mm



General Information	
Series	SMD Auto COG
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	1.06 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

L	Imm +/-0.05mm	Measurement Condition	I MHZ I.OVrms
W	0.5mm +/-0.05mm	Tolerance	5%
Т	0.5mm +/-0.05mm	Voltage DC	100 VDC
S	0.3mm MIN	Dielectric Withstanding Voltage	250 VDC
В	0.3mm +/-0.1mm	Temperature Range	-55/+125°C
		Temp. Coefficient	COG
Packaging Specifications Packaging T&R, 180mm, Paper Tape Packaging Quantity 10000	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms	
	Dissipation Factor	0.1% 1 MHz 1.0Vrms	
		Aging Rate	0% Loss/Decade Hour

Specifications

Capacitance	150 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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