


 Click [here](#) for the 3D model.

General Information

Series	SMD Auto COG HV
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	87 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	4.5mm +/-0.3mm	Capacitance	0.01 uF
W	3.2mm +/-0.3mm	Measurement Condition	1 kHz 1.0Vrms
T	2mm +/-0.20mm	Tolerance	5%
S	2.3mm MIN	Voltage DC	1000 VDC
B	0.6mm +/-0.35mm	Dielectric Withstanding Voltage	1,200 VDC
Case Code (EIA / mm)	1812 / 4532	Temperature Range	-55/+125°C
		Temp. Coefficient	COG

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Packaging Quantity	500	Dissipation Factor	0.1% 1kHz 1.0Vrms
		Aging Rate	0% Loss/Decade Hour
		Insulation Resistance	100 GOhms

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