

C1210Y152JDGACAUTO

SMD Auto COG HV FF, Ceramic, 1,500 pF, 5%, 1,000 VDC, COG, SMD, MLCC, FF-CAP, Floating Electrode, High Voltage, Automotive Grade, 1210 / 3225



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

General Information

Series	SMD Auto COG HV FF
Style	SMD Chip
Description	SMD, MLCC, FF-CAP, Floating Electrode, High Voltage, Automotive Grade
Features	FF-CAP, Floating Electrode, High Voltage, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
Typical Component Weight	95 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	2.5mm +/-0.30mm
S	1.5mm MIN
B	0.6mm +/-0.25mm
Case Code (EIA / mm)	1210 / 3225

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications

Capacitance	1,500 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
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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