



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	false
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	290 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	2824
L	7.1mm +/-0.4mm
W	6.1mm +/-0.4mm
T	1.4mm +/-0.15mm
S	4.2mm MIN
B	1.27mm +/-0.4mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	750

Specifications

Capacitance	2700 pF
Measurement Condition	1kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2400 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms