

C1210C682GBGACTU

Aliases (C1210C682GBGAC7800)

SMD Comm COG HV, Ceramic, 6,800 pF, 2%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1.5 mm, 1210 / 3225



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

General Information

Series	SMD Comm COG HV
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	40 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	6,800 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	2%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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

Dimensions

L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1mm +/-0.10mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1210 / 3225

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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