

## C3640C682KGGACTU

Aliases (C3640C682KGGAC7800)

SMD Comm COG HV, Ceramic, 6,800 pF, 10%, 2,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 3640, 6.3 mm



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
AEC-Q200	No
Typical Component Weight	18 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	6,800 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 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

Chip Size	3640
L	9.1mm +/-0.4mm
W	10.2mm +/-0.4mm
T	1.4mm +/-0.15mm
S	6.3mm MIN
B	1.27mm +/-0.4mm

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	250

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