

## C2824C103KDGACTU

Aliases (C2824C103KDGAC7800)

SMD Comm COG HV, Ceramic, 0.01 uF, 10%, 1000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2824



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

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

  

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

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
Component Weight	290 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1200 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

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