

## C0805X473K3GECTU

## Aliases (C0805X473K3GEC7800)

ESD SMD Comm COG, Ceramic, 0.047 uF, 10%, 25 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805



Click here for the 3D model.

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	1.25mm +/-0.15mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

## **Packaging Specifications**

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 2500

General Information		
Series	ESD SMD Comm COG	
Style	SMD Chip	
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I	
Features	Temperature Stable, Low ESR, Class I	
RoHS	Yes	
Termination	Flexible Termination	
Marking	No	
AEC-Q200	No	
Component Weight	14 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications		
Capacitance	0.047 uF	
Measurement Condition	1 kHz 1.0Vrms	
Capacitance Tolerance	10%	
Voltage DC	25 VDC	
ESD Level per AEC-Q200	25,000 V ESD Level	
Dielectric Withstanding Voltage	62.5 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% 1 kHz 1.0Vrms	
Aging Rate	0% Loss/Decade Hour	
Insulation Resistance	21.2766 GOhms	

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