

## CKC21X123GDGACTU

Aliases (CKC21X123GDGAC7800)

KC-LINK Auto COG, Ceramic, 0.012 uF, 2%, 1000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 2220



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

Dimensions	
Chip Size	2220
L	6.1mm +/-0.75mm
W	5mm +/-0.4mm
T	2.5mm +/-0.20mm
B	0.7mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

General Information	
Series	KC-LINK Auto COG
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Ultra-Stable
Features	FT-CAP, Ultra-Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	320 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.012 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	2%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1200 VDC
Temperature Range	-55/+150°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	83.3333 GOhms

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