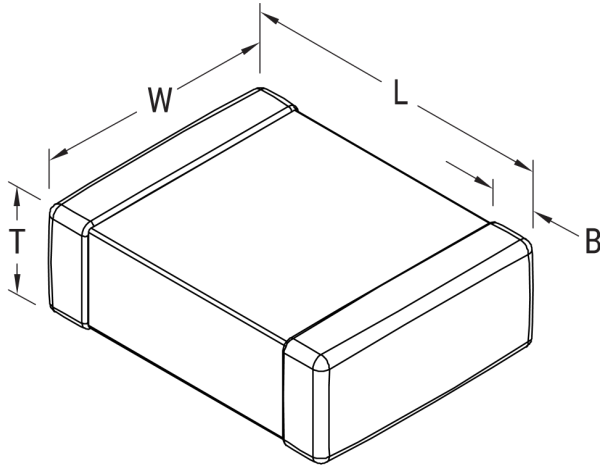


CKC21X682GCGACTU

Aliases (CKC21X682GCGAC7800)

KC-LINK Auto COG, Ceramic, 6800 pF, 2%, 500 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	6800 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	2%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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