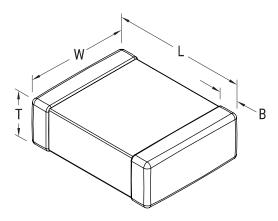
## **KEMET Part Number: CKC21X682GCGACTU**

(CKC21X682GCGAC7800)



KC Link Auto COG, Ceramic, 6800 pF, 2%, 500 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 2220



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

Packaging Specifications		
Weight:	320 mg	
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	500	

General Information		
Series:	KC Link Auto C0G	
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	
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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