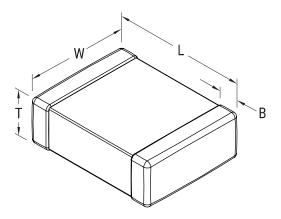
## **KEMET Part Number: CKC21X183MDGACAUTO**



KC Link Auto COG, Ceramic, 0.018 uF, 20%, 1000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 2220



Dimensions		
Chip Size	2220	
L	6.1mm +/-0.75mm	
W	5mm +/-0.4mm	
Т	1.4mm +/-0.15mm	
В	0.7mm +/-0.35mm	

Packaging Specifications		
Weight:	190 mg	
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

General Information	
Series:	KC Link Auto C0G
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Ultra- Stable, Automotive Grade
Features:	FT-CAP, Ultra-Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.018 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	20%	
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% 1 kHz 1.0Vrms	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	55.5556 GOhms	

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