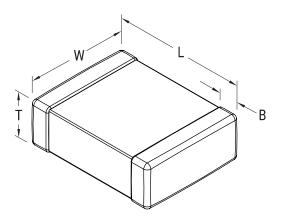
KEMET Part Number: CKC18X822MWGACAUTO



KC Link Auto COG, Ceramic, 8200 pF, 20%, 650 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 1812



Dimensions		
Chip Size	1812	
L	4.7mm +/-0.4mm	
W	3.2mm +/-0.3mm	
Т	1.6mm +/-0.20mm	
В	0.7mm +/-0.35mm	

Packaging Specifications		
Weight:	87 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:	8200 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	20%
Voltage DC:	650 VDC
Dielectric Withstanding Voltage:	845 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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