

KC Link Auto C0G, Ceramic, 0.033 uF, 10%, 500 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 1812



Dimensions	
Chip Size	1812
L	4.7mm +/-0.4mm
W	3.2mm +/-0.3mm
T	2mm +/-0.20mm
B	0.7mm +/-0.35mm

Packaging Specifications	
Weight:	87 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, 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:	0.033 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	750 VDC
Temperature Range:	-55/+150°C
Temperature Coefficient:	C0G
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:	30.303 GOHms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.