

Ceramic, AUTO-FlexTerm-(CxxxxX-AUTO), 0.01 uF, 5%, 50 V, 1812, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade

**Dimensions**

L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1mm +/-0.10mm
B	0.7mm +/-0.35mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

**General Information**

Style:	SMD Chip
Series:	AUTO-FlexTerm-(CxxxxX-AUTO)
Chip Size:	1812
Description:	SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade
Features:	FT-CAP, Ultra-Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts

**Specifications**

Capacitance:	0.01 uF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.1%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms