

Capacitor, Ceramic, SMD, MLCC, FT-CAP, Ultra-Stable, Auto Grade, 0.01 uF, +/-5% Tol, 50 V, C0G, 1812 (4532 metric)



General Information

Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	1812 (4532 metric)
Temperature Coefficient:	C0G
Part Type Description:	SMD, MLCC, FT-CAP, Ultra-Stable, Auto Grade
Termination Type:	Flexible Termination
Marked:	No
RoHS:	Yes

Dimensions (mm)

Symbol	Dimension	Tolerance
L	4.5	+/-0.4
W	3.2	+/-0.3
T	1	+/-0.10
B	0.7	+/-0.35

Packaging Specifications

Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	1000

Specifications

Capacitance:	0.01 uF
Voltage:	50 V
Tolerance:	+/-5%
Temperature Range:	-55/+125C
Dissipation Factor:	0.1%
Failure Rate:	N/A
Aging Rate:	0% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts