

SMD Auto COG, Ceramic, 0.068 uF, 5%, 100 V, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1812



Dimensions	
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	1mm +/-0.10mm
B	0.6mm +/-0.35mm

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

General Information	
Supplier:	KEMET
Series:	SMD Auto COG
Style:	SMD Chip
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features:	Ultra-Stable, Low Loss, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Chip Size:	1812

Specifications	
Capacitance:	0.068 uF
Capacitance Tolerance:	5%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.1% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	14.706 GOhms