

ESD SMD Auto COG, Ceramic, Electro Static Discharge, 0.01 uF, 10%, 25 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0603



Dimensions	
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information	
Supplier:	KEMET
Series:	ESD SMD Auto COG
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Chip Size:	0603

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
ESD Level per AEC-Q200:	25,000 V ESD Level
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms