

Ceramic, AUTO-(CxxxxC-AUTO), 3.9 pF, +/-0.25 pF, 50 V, 0603, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



#### Dimensions

L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

#### Packaging Specifications

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

#### General Information

Style:	SMD Chip
Series:	AUTO-(CxxxxC-AUTO)
Chip Size:	0603
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
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts

#### Specifications

Capacitance:	3.9 pF
Capacitance Tolerance:	+/-0.25 pF
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.1%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms