



Click [here](#) for the 3D model.

## General Information

Series	SMD Auto COG Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade
Features	FT-CAP, Ultra-Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	4.6 mg
Shelf Life	78 Weeks
MSL	1

## Dimensions

Chip Size	0603
L	1.6mm $\pm 0.17$ mm
W	0.8mm $\pm 0.15$ mm
T	0.8mm $\pm 0.15$ mm
S	0.4mm MIN
B	0.45mm $\pm 0.15$ mm

## Packaging Specifications

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

## Specifications

Capacitance	5.6 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	$\pm 0.25$ pF
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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