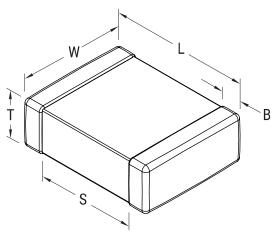




SMD Auto COG Flex, Ceramic, 47 pF, 10%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0603, 0.4 mm



Click	horo	for	tha	3D	model.
CIICK	nere	101	me	30	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 +/-0.17mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
S	0.4mm MIN
В	0.45mm +/-0.15mm

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

Specifications	
Capacitance	47 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
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, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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