

C0603X470J5GAC3190

SMD Auto COG Flex, Ceramic, 47 pF, 5%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0603



Click here for the 3D model.

Chip Size 0603   L 1.6mm +/-0.17mm   W 0.8mm +/-0.15mm   T 0.8mm +/-0.15mm   S 0.58mm MIN	Dimensions	
W 0.8mm +/-0.15mm   T 0.8mm +/-0.15mm	Chip Size	0603
T 0.8mm +/-0.15mm	L	1.6mm +/-0.17mm
	W	0.8mm +/-0.15mm
S 0.58mm MIN	Т	0.8mm +/-0.15mm
	S	0.58mm MIN
B 0.45mm +/-0.15mm	В	0.45mm +/-0.15mm

Packaging Specifications	
Packaging	T&R, 180mm, 2mm Pitch, Paper Tape
Packaging Quantity	8000

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
Component Weight	4.6 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	47 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temperature 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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