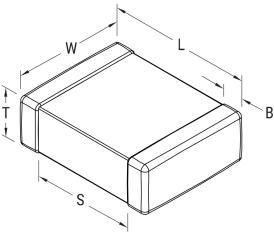


C0805X470GAGACAUTO

SMD Auto COG Flex, Ceramic, 47 pF, 2%, 250 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0805



Click	here	for	the	3D	model.

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	0.78mm +/-0.20mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

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

General Information	
Series	SMD Auto COG Flex
Style	SMD Chip
Description	${\sf SMD}, {\sf MLCC}, {\sf FT-CAP}, {\sf Ultra-Stable}, {\sf Automotive} \\ {\sf Grade}$
Features	FT-CAP, Ultra-Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	47 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	2%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 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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