

C0603X180K5GACAUTO

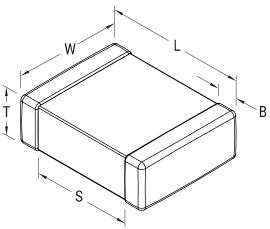
General Information

Series

SMD Auto COG Flex, Ceramic, 18 pF, 10%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0603, 0.4 mm

SMD Auto COG Flex





Click here for the 3D model.

	Style	SMD Chip
	Description	SMD, MLCC, FT-CAP, Ultra- Stable, Automotive Grade
`B	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	18 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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