

CBR06C309B5GACAUTO

CBR-SMD RF Auto COG, Ceramic, 3 pF, +/-0.1 pF, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0603



Click here for the 3D model.

Chip Size 0603 L 1.6mm +/-0.1mm W 0.8mm +/-0.1mm T 0.8mm +/-0.1mm B 0.4mm +/-0.2mm
W 0.8mm +/-0.1mm T 0.8mm +/-0.1mm
T 0.8mm +/-0.1mm
B 0.4mm +/-0.2mm

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

General Information			
Series	CBR-SMD RF Auto COG		
Style	SMD Chip		
Description	SMD, Fixed, RF, Ultra High Q, Low ESR, Class I		
Features	Ultra High Q, Low ESR, Class I		
RoHS	Yes		
Termination	Tin		
Marking	No		
Qualifications	AEC-Q200		
AEC-Q200	Yes		
Halogen Free	Yes		
Notes	Solder Wave or Solder Reflow.		
Shelf Life	78 Weeks		
MSL	1		

Specifications			
Capacitance	3 pF		
Capacitance Tolerance	+/-0.1 pF		
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, 1MHz 1.0Vrms		
Dissipation Factor	0.22%1MHz 1.0Vrms		
Aging Rate	0% Loss/Decade Hour		
Insulation Resistance	10 GOhms		
Quality Factor	460		

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