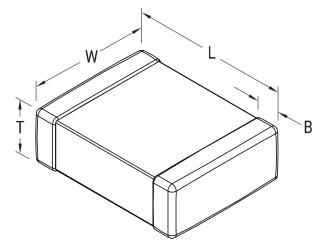


CBR06C909C5GACAUTO

CBR-SMD RF Auto COG, Ceramic, 9 pF, +/-0.25 pF, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.1mm
W	0.8mm +/-0.1mm
Т	0.8mm +/-0.1mm
В	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	9 pF			
Capacitance Tolerance	+/-0.25 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	0.17% 1 MHz 1.0Vrms			
Aging Rate	0% Loss/Decade Hour			
Insulation Resistance	10 GOhms			
Quality Factor	580			

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.