

# CBR08C101G5GAC

CBR-SMD RF C0G, Ceramic, 100 pF, 2%, 50 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0805



Click [here](#) for the 3D model.

## Dimensions

Chip Size 0805

L 2mm +/-0.2mm

W 1.25mm +/-0.2mm

T 0.85mm +/-0.1mm

### Dimensions

B 0.5mm +/-0.2mm

### Packaging Specifications

Packaging T&R, 180mm, Plastic Tape

Packaging Quantity 4000

### General Information

Series CBR-SMD RF C0G  
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  
AEC-Q200 No  
Component Weight 10.7 mg  
Notes Solder Wave or Solder Reflow.  
Shelf Life 78 Weeks  
MSL 1

### Specifications

Capacitance 100 pF  
Capacitance Tolerance 2%  
Voltage DC 50 VDC  
Dielectric Withstanding Voltage 125 VDC  
Temperature Range -55/+125°C  
Temperature Coefficient C0G  
Dissipation Factor 0.1%  
Aging Rate 0% Loss/Decade Hour  
Insulation Resistance 10 GOhms  
Quality Factor 1000

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