

## CBR08C589C1GAC

CBR-SMD RF COG, Ceramic, 5.8 pF, +/-0.25 pF, 100 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0805 / 2012



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

### General Information

Series	CBR-SMD RF 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
Typical Component Weight	12.03 mg
Notes	Solder Wave or Solder Reflow.
Shelf Life	78 Weeks
MSL	1

### Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.85mm +/-0.1mm
B	0.5mm +/-0.2mm
Case Code (EIA / mm)	0805 / 2012

### Packaging Specifications

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

### Specifications

Capacitance	5.8 pF
Tolerance	+/-0.25 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Dissipation Factor	0.194%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	516

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