

## CBR02C508B9GAC

CBR-SMD RF COG, Ceramic, 0.5 pF, +/-0.1 pF, 6.3 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0201 / 0603



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	0.3 mg
Notes	Solder Reflow Only.
Shelf Life	78 Weeks
MSL	1

### Dimensions

L	0.6mm +/-0.03mm
W	0.3mm +/-0.03mm
T	0.3mm +/-0.03mm
B	0.15mm +/-0.05mm
Case Code (EIA / mm)	0201 / 0603

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	15000

### Specifications

Capacitance	0.5 pF
Tolerance	+/-0.1 pF
Voltage DC	6.3 VDC
Dielectric Withstanding Voltage	15.75 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Dissipation Factor	0.244%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	410

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