

## CBR02C189B5GAC

CBR-SMD RF COG, Ceramic, 1.8 pF, +/-0.1 pF, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0201



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
AEC-Q200	No
Typical Component Weight	0.3 mg
Notes	Solder Reflow Only.
Shelf Life	78 Weeks
MSL	1

### Dimensions

Chip Size	0201
L	0.6mm +/-0.03mm
W	0.3mm +/-0.03mm
T	0.3mm +/-0.03mm
B	0.15mm +/-0.05mm

### Packaging Specifications

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

### Specifications

Capacitance	1.8 pF
Tolerance	+/-0.1 pF
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Dissipation Factor	0.229%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	436

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