

## CBR04C689B1GAC

CBR-SMD RF COG, Ceramic, 6.8 pF, +/-0.1 pF, 100 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402 / 1005



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

### Dimensions

L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
B	0.25mm +0.05/-0.1mm
Case Code (EIA / mm)	0402 / 1005

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	10000

### Specifications

Capacitance	6.8 pF
Tolerance	+/-0.1 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Dissipation Factor	0.19%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	536

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.