

CBR-SMD RF COG, Ceramic, 8.2 pF, +/-0.1 pF, 100 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402

**Dimensions**

Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
B	0.25mm +0.05/-0.1mm

Packaging Specifications

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

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
Notes:	Solder Reflow Only
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	8.2 pF
Capacitance Tolerance:	+/-0.1 pF
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	COG
Dissipation Factor:	0.18%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms
Quality Factor:	564