

CBR05 SMD RF C0G, Ceramic, 8.2 pF, +/-0.25 pF, 250 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0505

**Dimensions**

Chip Size	0505
L	1.4mm +0.38/-0.25mm
W	1.4mm +/-0.38mm
T	1.15mm +/-0.15mm
B	0.25mm +0.25/-0.13mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	3000

**General Information**

Series:	CBR05 SMD RF C0G
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
Miscellaneous:	Minimum Q = 964.
Notes:	Solder Reflow Only.
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	8.2 pF
Capacitance Tolerance:	+/-0.25 pF
Voltage DC:	250 VDC
Dielectric Withstanding Voltage:	500 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms
Quality Factor:	964