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**General Information**

Series	CBR05 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	0.5 pF
Capacitance Tolerance	+/-0.1 pF
Voltage DC	250 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	810

**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

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