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**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	5.29 mg
Notes	Solder Wave or Solder Reflow.
Shelf Life	78 Weeks
MSL	1

**Specifications**

Capacitance	7.7 pF
Tolerance	+/-0.25 pF
Voltage DC	250 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Dissipation Factor	0.181%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	554

**Dimensions**

L	1.6mm +/-0.1mm
W	0.8mm +/-0.1mm
T	0.8mm +/-0.07mm
B	0.4mm +/-0.15mm
Case Code (EIA / mm)	0603 / 1608

**Packaging Specifications**

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

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