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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	8.2 pF
Tolerance	$\pm 0.1$ pF
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	$-55/+125^{\circ}\text{C}$
Temp. Coefficient	COG
Dissipation Factor	0.177%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	564

#### Dimensions

L	1.6mm $\pm 0.1$ mm
W	0.8mm $\pm 0.1$ mm
T	0.8mm $\pm 0.07$ mm
B	0.4mm $\pm 0.15$ mm
Case Code (EIA / mm)	0603 / 1608

#### Packaging Specifications

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

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