

CBR-SMD RF C0G, Ceramic, 6.8 pF, +/-0.5 pF, 250 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0603

**Dimensions**

L	1.6mm +/-0.1mm
W	0.8mm +/-0.1mm
T	0.8mm +/-0.07mm
B	0.4mm +/-0.15mm

Packaging Specifications

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

General Information

Supplier:	KEMET
Series:	CBR-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
Miscellaneous:	Minimum Q = 936
Notes:	Solder Wave or Solder Reflow
Chip Size:	0603

Specifications

Capacitance:	6.8 pF
Capacitance Tolerance:	+/-0.5 pF
Voltage DC:	250 VDC
Dielectric Withstanding Voltage:	500 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.19%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms
Quality Factor:	936