

KEMET Part Number: CBR06C109BAGAC
(CBR06C109BAGACTU)

Ceramic, High Q, Microwave (CBR), 1 pF, +/-0.1 pF, 250 V, 0603, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



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

Style:	SMD Chip
Series:	Microwave (CBR)
Chip Size:	0603
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 = 820
Notes:	Solder Wave or Solder Reflow

Specifications

Capacitance:	1 pF
Capacitance Tolerance:	+/-0.1 pF
Voltage DC:	250 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.238%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms
Dielectric Strength:	500 V
Quality Factor:	820