

KEMET Part Number: CBR06C829B5GAC
(CBR06C829B5GACTU)

Ceramic, High Q, Microwave (CBR), 8.2 pF, +/-0.1 pF, 50 V, 0603, C0G, 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 = 964
Notes:	Solder Wave or Solder Reflow

Specifications

Capacitance:	8.2 pF
Capacitance Tolerance:	+/-0.1 pF
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.177%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms
Dielectric Strength:	125 V
Quality Factor:	964