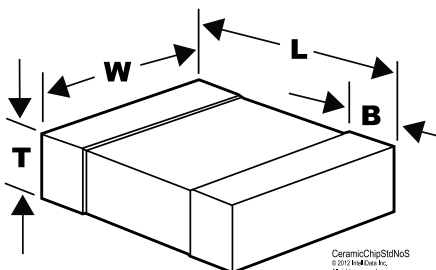


KEMET Part Number: CBR08C689BAGAC
(CBR08C689BAGACTU)



Ceramic, High Q, Microwave (CBR), 6.8 pF, +/-0.1 pF, 250 V, 0805, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.85mm +/-0.1mm
B	0.5mm +/-0.2mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	Microwave (CBR)
Chip Size:	0805
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

Specifications

Capacitance:	6.8 pF
Capacitance Tolerance:	+/-0.1 pF
Voltage DC:	250 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.187%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms
Dielectric Strength:	500 V
Quality Factor:	936