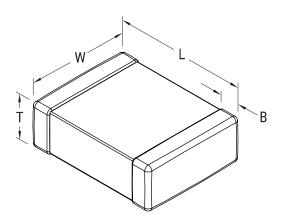
## KEMET Part Number: CBR06C689BAGAC



CBR-SMD RF C0G, Ceramic, High Q, 6.8 pF, +/-0.1 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	
Т	0.8mm +/-0.07mm	
В	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:	+/-0.1 pF	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	500 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.19%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	936	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

