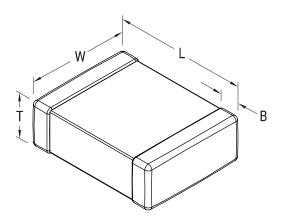
## **KEMET Part Number: CBR06C689DAGAC**



CBR-SMD RF C0G, Ceramic, High Q, 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
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:	+/-0.5 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	

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