## KEMET Part Number: CBR08C689B1GAC



## CBR-SMD RF C0G, Ceramic, 6.8 pF, +/-0.1 pF, 100 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0805



Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
т	0.85mm +/-0.1mm
В	0.5mm +/-0.2mm

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

General Information		
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	
AEC-Q200:	No	
Notes:	Solder Wave or Solder Reflow.	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	6.8 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	100 VDC	
Dielectric Withstanding Voltage:	250 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.187%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	536	

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.



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