## **KEMET Part Number: CBR06C508B5GAC**



CBR-SMD RF C0G, Ceramic, High Q, 0.5 pF, +/-0.1 pF, 50 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 = 810
Notes:	Solder Wave or Solder Reflow
Chip Size:	0603

Specifications		
Capacitance:	0.5 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.24%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	810	

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