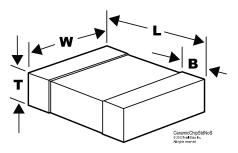
## **KEMET Part Number: CBR06C308BAGAC**



Ceramic, High Q, Microwave (CBR), 0.3 pF, +/-0.1 pF, 250 V, 0603, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



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		
Style:	SMD Chip	
Series:	Microwave (CBR)	
Chip Size:	0603	
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 = 806	
Notes:	Solder Wave or Solder Reflow	

Specifications		
Capacitance:	0.3 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	500 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.246%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	806	

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