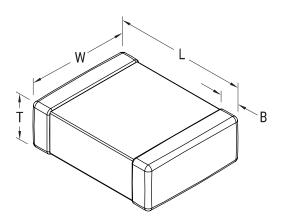
## KEMET Part Number: CBR05C508BAGAC



## CBR05 SMD RF C0G, Ceramic, 0.5 pF, +/-0.1 pF, 250 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0505



Dimensions	
Chip Size	0505
L	1.4mm +0.38/-0.25mm
W	1.4mm +/-0.38mm
Т	1.15mm +/-0.15mm
В	0.25mm +0.25/-0.13mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	3000	

General Information		
Series:	CBR05 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	
Miscellaneous:	Minimum Q = 810.	
Notes:	Solder Reflow Only.	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.5 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	500 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	810	

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