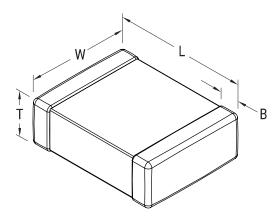
## **KEMET Part Number: CBR05C829CAGAC**



CBR05 SMD RF C0G, Ceramic, 8.2 pF, +/-0.25 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 = 964.	
Notes:	Solder Reflow Only.	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	8.2 pF	
Capacitance Tolerance:	+/-0.25 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:	964	

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