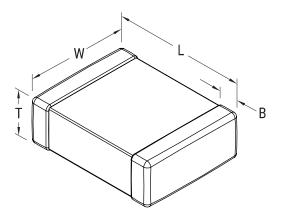
## **KEMET Part Number: CBR04C829B1GAC**



CBR-SMD RF C0G, Ceramic, 8.2 pF, +/-0.1 pF, 100 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402



Dimensions		
Chip Size	0402	
L	1mm +/-0.05mm	
W	0.5mm +/-0.05mm	
Т	0.5mm +/-0.05mm	
В	0.25mm +0.05/-0.1mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	10000	

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 Reflow Only
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	8.2 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:	0.18%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	564	

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