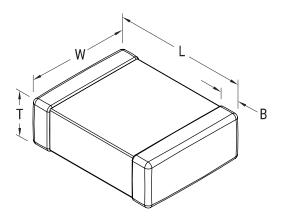
## **KEMET Part Number: CBR02C589B5GAC**



CBR-SMD RF C0G, Ceramic, High Q, 5.8 pF, +/-0.1 pF, 50 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0201



Dimensions		
L	0.6mm +/-0.03mm	
W	0.3mm +/-0.03mm	
Т	0.3mm +/-0.03mm	
В	0.15mm +/-0.05mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	15000	

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 = 916
Notes:	Solder Reflow Only
Chip Size:	0201

Specifications		
Capacitance:	5.8 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.19%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	916	

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