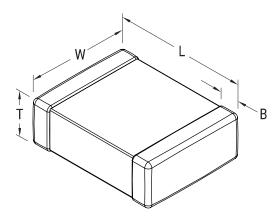
## **KEMET Part Number: CBR04C180F5GAC**



## CBR-SMD RF C0G, Ceramic, 18 pF, 1%, 50 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:	18 pF	
Capacitance Tolerance:	1%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.132%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	760	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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