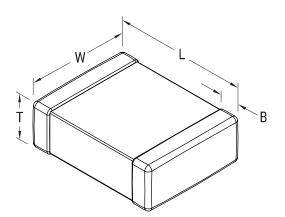
KEMET Part Number: CBR08C509B1GAC



CBR-SMD RF C0G, Ceramic, High Q, 5 pF, +/-0.1 pF, 100 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0805



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.85mm +/-0.1mm
В	0.5mm +/-0.2mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	4000

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 = 900
Notes:	Solder Wave or Solder Reflow
Chip Size:	0805

Specifications		
Capacitance:	5 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	100 VDC	
Dielectric Withstanding Voltage:	250 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.20%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	
Quality Factor:	900	

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