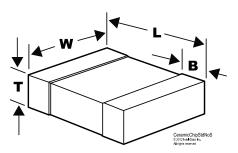
## **KEMET Part Number: CBR05C689CAGAC**



## Capacitor, Ceramic, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 6.8 pF, +/-0.25pF Tol, 250 V, C0G, 0505



General Information		
Supplier:	KEMET	
Application:	RF/Microwave	
Chip Size:	0505	
Temperature Coefficient:	COG	
Part Type Description:	SMD, Fixed, RF, Ultra High Q, Low ESR, Class I	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1.4	+0.38/-0.25
W	1.4	+/-0.38
T	1.15	+/-0.15
В	0.25	+0.25/-0.13

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	3000	

Specifications		
Capacitance:	6.8 pF	
Voltage:	250 V	
Tolerance:	+/-0.25pF	
Temperature Range:	-55/+125C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhm	
Dielectric Strength:	500 V	
Q:	936	
Miscellaneous:	Minimum Q = 936	

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