

Capacitor, Ceramic, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 6.8 pF, +/-0.25pF Tol, 250 V, COG, 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
B	0.25	+0.25/-0.13

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

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

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