

Capacitor, Ceramic, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 1 pF, +/-0.25pF Tol, 50 V, COG, 0402 (1005 metric)



General Information	
Supplier:	KEMET
Application:	RF/Microwave
Chip Size:	0402 (1005 metric)
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	+/-0.05
W	0.5	+/-0.05
T	0.5	+/-0.05
B	0.25	+0.05/-0.1

Specifications	
Capacitance:	1 pF
Voltage:	50 V
Tolerance:	+/-0.25pF
Temperature Range:	-55/+125C
Dissipation Factor:	0.238%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhm
Dielectric Strength:	125 V
Q:	820
Miscellaneous:	Minimum Q = 820

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	10000

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.