

KEMET Part Number: C0603X102K5RACTU
(C0603X102K5RAC7867)

Capacitor, Ceramic, SMD, MLCC, FT-CAP, Temp Stable, 1000 pF, +/-10% Tol, 50 V, X7R, 0603 (1608 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0603 (1608 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, FT-CAP, Temp Stable
Termination Type:	Flexible Termination
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1.6	+/-0.17
W	0.8	+/-0.15
T	0.8	+/-0.15
B	0.45	+/-0.15
S	0.58	MIN

Specifications	
Capacitance:	1000 pF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Paper Tape
Package Quantity:	4000