

KEMET Part Number: C0603X102K5RACTU
(C0603X102K5RAC7867)

Ceramic, FlexTerm-(CxxxxX), 1000 pF, 10%, 50 V, 0603, X7R, SMD, MLCC, FT-CAP, Temperature Stable



Dimensions

L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information

Style:	SMD Chip
Series:	FlexTerm-(CxxxxX)
Chip Size:	0603
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms
Dielectric Strength:	125 V