

KEMET Part Number: C0402C102J4RACTU
(C0402C102J4RAC7867)

SMD Comm X7R, Ceramic, 1000 pF, 5%, 16 V, X7R, SMD, MLCC, Temperature Stable, Class II, 0402



Dimensions

Dimensions	
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

General Information

Supplier:	KEMET
Series:	SMD Comm X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours
Chip Size:	0402
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	5%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5000000000000004% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms