

KEMET Part Number: C0402C103K3RACTU
(C0402C103K3RAC7867)

Ceramic, Commercial-(CxxxxC), 0.01 uF, 10%, 25 V, 0402, X7R, SMD, MLCC, Temperature Stable, Class II



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

General Information

General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	0402
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

Specifications

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Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms