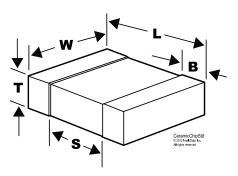
## **KEMET Part Number: C0402C102K9RACTU**

(C0402C102K9RAC7867)



Ceramic, Commercial-(CxxxxC), 1000 pF, 10%, 6.3 V, 0402, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions	
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

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

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		
Capacitance:	1000 pF	
Capacitance Tolerance:	10%	
Voltage DC:	6.3 VDC	
Dielectric Withstanding Voltage:	15.75 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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