## KEMET Part Number: C0603C223K4RECTU

(C0603C223K4REC7867)



ESD SMD Comm X7R, Ceramic, Electro Static Discharge, 0.022 uF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0603



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

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

General Information	
Supplier:	KEMET
Series:	ESD SMD Comm X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	0603

Specifications		
Capacitance:	0.022 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC	
ESD Level per AEC-Q200:	16,000 V ESD Level	
Dielectric Withstanding Voltage:	40 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	45.455 GOhms	

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