## KEMET Part Number: C0402C223M9PAL



## SMD Comm X5R SnPb, Ceramic, 0.022 uF, 20%, 6.3 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0402



Dimensions		
Chip Size	0402	
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:	Bulk, Bag	
Packaging Quantity:	1	

General Information		
Series:	SMD Comm X5R SnPb	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, Class II	
Features:	Temperature Stable, Class II	
RoHS:	No	
Prop 65:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov. 5549986b-60cf-4a2a-	
SCIP Number:	afbb-4ad1d7a11dcb	
Termination:	Lead (SnPb)	
Marking:	No	
AEC-Q200:	No	
Component Weight:	1210 ug	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.022 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC	
Dielectric Withstanding Voltage:	15.75 VDC	
Temperature Range:	-55/+85°C	
Temperature Coefficient:	X5R	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms	
Dissipation Factor:	5% 1 kHz 1.0Vrms	
Aging Rate:	5% Loss/Decade Hour: Referee Time is 1000 Hours	
Insulation Resistance:	10 GOhms	

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