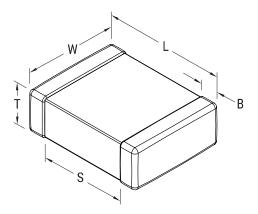
KEMET Part Number: C0402C105K9PACTU

(C0402C105K9PAC7867)



SMD Comm X5R, Ceramic, 1 uF, 10%, 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:	T&R, 180mm, Paper Tape	
Packaging Quantity:	10000	

General Information		
Series:	SMD Comm X5R	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, Class II	
Features:	Temperature Stable, Class II	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
AEC-Q200:	No	
Component Weight:	1210 ug	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
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 0.5Vrms
Dissipation Factor:	10% 1 kHz 1.0Vrms
Aging Rate:	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance:	100 MOhms

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