## KEMET Part Number: C1206X105M1RACTU

(C1206X105M1RAC7800)



SMD Comm X7R Flex, Ceramic, 1 uF, 20%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1206



Dimensions		
Chip Size	1206	
L	3.3mm +/-0.4mm	
W	1.6mm +/-0.35mm	
Т	1.6mm +/-0.25mm	
В	0.6mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2000	

General Information		
Series:	SMD Comm X7R Flex	
Style:	SMD Chip	
Description:	SMD, MLCC, FT-CAP, Temperature Stable	
Features:	FT-CAP, Temperature Stable	
RoHS:	Yes	
Termination:	Flexible Termination	
Marking:	No	
AEC-Q200:	No	
Component Weight:	55 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	20%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	500 MOhms

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