## KEMET Part Number: C0603X105J8RAC7411



## SMD Comm X7R Flex, Ceramic, 1 uF, 5%, 10 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 0603



Dimensions		
Chip Size	0603	
L	1.6mm +/-0.2mm	
W	0.8mm +/-0.15mm	
Т	0.8mm +/-0.15mm	
S	0.58mm MIN	
В	0.45mm +/-0.15mm	

Packaging Specifications		
Packaging:	T&R, 330mm, Paper Tape	
Packaging Quantity:	15000	

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
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours.
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	1 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	5%	
Voltage DC:	10 VDC	
Dielectric Withstanding Voltage:	25 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:	10% 1kHz 1.0Vrms	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 MOhms	

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