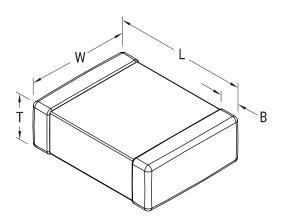
## KEMET Part Number: C1206S103J5RAC



SMD Comm X7R FE, Ceramic, 0.01 uF, 5%, 50 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 1206



Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
т	0.78mm +/-0.10mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information	
Series:	SMD Comm X7R FE
Style:	SMD Chip
Description:	SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable
Features:	FE-CAP, Floating Electrode, Temperature Stable
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Component Weight:	17 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.01 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	5%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 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:	100 GOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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