

## C1206S102K2RACTU

Aliases (C1206S102K2RAC7800)

**General Information** 

Series

Style Description

**Features** 

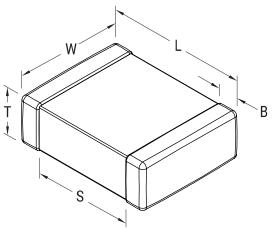
SMD Comm X7R FE, Ceramic, 1,000 pF, 10%, 200 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 1206, 1.5 mm

SMD Comm X7R FE

SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable

FE-CAP, Floating Electrode, Temperature Stable

SMD Chip



S Click here for the 3D model.				
			RoHS	Yes
			Termination	Tin
			Marking	No
			AEC-Q200	No
			Typical Component Weight	17 mg
			Shelf Life	78 Weeks
			MSL	1
Dimensions			Specifications	
Chip Size	1206		Capacitance	1,000 pF
L	3.2mm +/-0.2mm		Measurement Condition	1 kHz 1.0Vr

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	4000	

1.6mm +/-0.2mm 0.78mm +/-0.10mm

0.5mm +/-0.25mm

1.5mm MIN

W

T S

В

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temp. 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

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