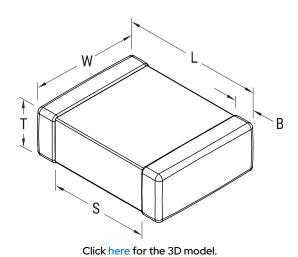


## C1206Y102K5RACTU

Aliases (C1206Y102K5RAC7800) SMD Comm X7R FF, Ceramic, 1,000 pF, 10%, 50 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, 1206, 1.5 mm



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

Dimensions	
Chip Size	1206
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
Т	0.78mm +/-0.2mm
S	1.5mm MIN
В	0.6mm +/-0.25mm

В	0.6mm +/-0.25mm
Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape

Packaging Quantity

4000

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%
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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