

C1206S102K1RACTU

Aliases (C1206S102K1RAC7800)

General Information

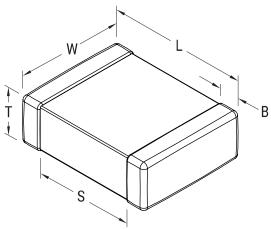
Series

Style

SMD Comm X7R FE, Ceramic, 1,000 pF, 10%, 100 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 1206, 1.5 mm

SMD Comm X7R FE

SMD Chip



Click here for the 3D model.	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
	Typical Component Weight	17 mg
	Shelf Life	78 Weeks
	MSL	1
imensions	Specifications	

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	1.5mm MIN
В	0.5mm +/-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	100 VDC
Dielectric Withstanding Voltage	250 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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