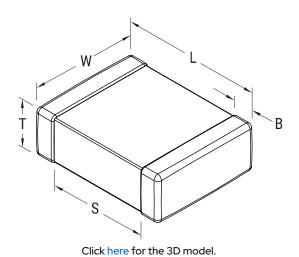


## C0805C121KDRACTU

Aliases (C0805C121KDRAC7800) SMD Comm X7R HV, Ceramic, 120 pF, 10%, 1,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 0805, 0.7 mm



General Information	
Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
Features	High Voltage
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Dimensions		1
Chip Size	0805	(
L	2mm +/-0.2mm	I
W	1.25mm +/-0.2mm	
т	1.25mm +/-0.15mm	•
S	0.7mm MIN	
В	0.5mm +/-0.25mm	

## **Packaging Specifications**

T&R, 180mm, Plastic Tape Packaging Packaging Quantity 2500

Specifications	
Capacitance	120 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 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%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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