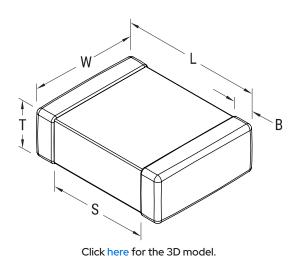


C1206C100KCRACTU

Aliases (C1206C100KCRAC7800)

SMD Comm X7R HV, Ceramic, 10 pF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1206, 1.5 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	25 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1mm +/-0.10mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

Specifications	
Capacitance	10 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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
Temp. Coefficient Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor	X7R 15%, 1kHz 1.0Vrms 2.5% 1 kHz 1.0Vrms 3% Loss/Decade Hour: Referee

100 GOhms

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

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Insulation Resistance

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