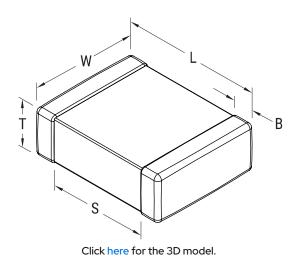


C1808C102KCRACTU

Aliases (C1808C102KCRAC7800)

SMD Comm X7R HV, Ceramic, 1,000 pF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1808, 2.9 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	100 mg
Shelf Life	78 Weeks
MSL	1

1,000 pF

Time is 1000 Hours

100 GOhms

Dimensions	
Chip Size	1808
L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
Т	1.6mm +/-0.15mm
S	2.9mm MIN
В	0.6mm +/-0.35mm

0.5mm	Measurement Condition	1 kHz 1.0Vrms
2mm	Tolerance	10%
1.15mm	Voltage DC	500 VDC
	Dielectric Withstanding Voltage	750 VDC
0.35mm	Temperature Range	-55/+125°C
	Temp. Coefficient	X7R
n, Plastic Tape	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

Specifications

Insulation Resistance

Capacitance

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

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