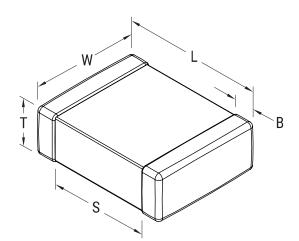


C1812C122MZRACTU

Aliases (C1812C122MZRAC7800) SMD Comm X7R HV, Ceramic, 1,200 pF, 20%, 2,500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1812, 2.3 mm



Click here for the 3D model.

General Information SMD Comm X7R HV Series 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** 185 mg Shelf Life 78 Weeks MSL 1

Specifications	
Capacitance	1,200 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	2500 VDC
Dielectric Withstanding Voltage	3,000 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

 Dimensions

 Chip Size
 1812

 L
 4.5mm +/-0.3mm

 W
 3.2mm +/-0.3mm

 T
 1.6mm +/-0.20mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications

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

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