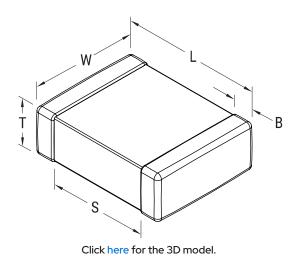


C1206C271MGRACTU

Aliases (C1206C271MGRAC7800)

SMD Comm X7R HV, Ceramic, 270 pF, 20%, 2,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1.5 mm, 1206 / 3216



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	31 mg
Shelf Life	78 Weeks
MSL	1

3.2mm +/-0.2mm
1.6mm +/-0.2mm
1.2mm +/-0.15mm
1.5mm MIN
0.5mm +/-0.25mm
1206 / 3216

Case Code (EIA / mm)	1206 / 3216
Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

Specifications	
Capacitance	270 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 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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