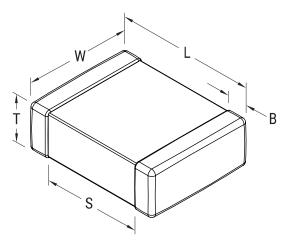


## C2225C471KGRALTU

Aliases (C2225C471KGRAL7800) SMD Comm X7R HV, Ceramic, 470 pF, 10%, 2,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 2225, 3.2 mm



Click here for the 3D model.

General Information	
Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
Termination	Lead (SnPb)
Marking	No
AEC-Q200	No
Typical Component Weight	350 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	2225
L	5.6mm +/-0.4mm
W	6.4mm +/-0.4mm
Т	1.4mm +/-0.15mm
S	3.2mm MIN
В	0.6mm +/-0.35mm

## **Packaging Specifications**

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

Specifications	
Capacitance	470 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
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%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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