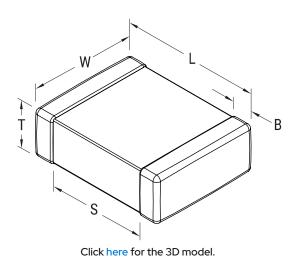


## C1210C471KGRACAUTO

SMD Auto X7R HV, Ceramic, 470 pF, 10%, 2,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 1.5 mm, 1210 / 3225





General Information	
Series	SMD Auto X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade
Features	High Voltage, Temp Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	135 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	2.5mm +/-0.30mm
S	1.5mm MIN
В	0.5mm +/-0.25mm
Case Code (EIA / mm)	1210 / 3225

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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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