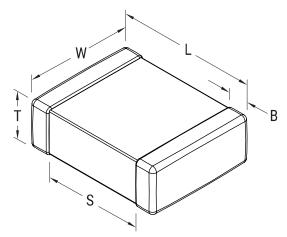


## C1206C102KFRACAUTO

SMD Auto X7R HV, Ceramic, 1,000 pF, 10%, 1,500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 1206, 1.5 mm



Click here for the 3D model.

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	31 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
т	1.2mm +/-0.15mm
S	1.5mm MIN
В	0.5mm +/-0.25mm
В	0.5mm +/-0.25mm

## Packaging SpecificationsPackagingT&R, 180mm, Plastic TapePackaging Quantity2500

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 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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