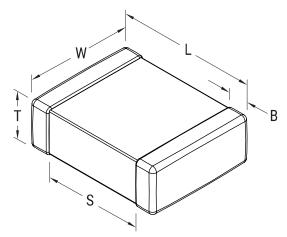


C1206C681KGRACAUTO

SMD Auto X7R HV, Ceramic, 680 pF, 10%, 2,000 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	41 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
т	1.6mm +/-0.15mm
S	1.5mm MIN
В	0.5mm +/-0.25mm
5	0.51111 7 0.251111

Packaging Specifications Packaging T&R, 180mm, Plastic Tape Packaging Quantity 2000

Specifications	
Capacitance	680 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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