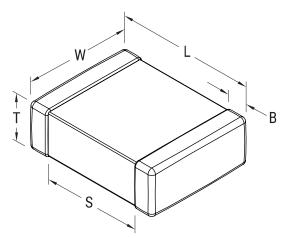


## C1206C684J5RECAUT07210

ESD SMD Auto X7R, Ceramic, 0.68 uF, 5%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 1206, 1.5 mm



Click here for the 3D model.

General Information	
Series	ESD SMD Auto X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade
Features	Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

1206
3.2mm +/-0.2mm
1.6mm +/-0.2mm
1mm +/-0.10mm
1.5mm MIN
0.5mm +/-0.25mm

## Packaging SpecificationsPackagingT&R, 330mm, Plastic TapePackaging Quantity10000

Specifications	
Capacitance	0.68 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	50 VDC
ESD Level per AEC-Q200	25,000 V ESD Level
Dielectric Withstanding Voltage	125 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	735.3 MOhms

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