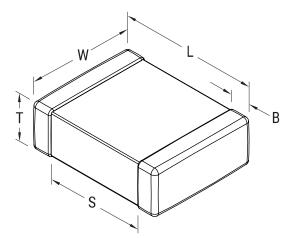


## C1210F685K3RACAUTO

SMD Auto X7R FO, Ceramic, 6.8 uF, 10%, 25 VDC, X7R, SMD, MLCC, Open Mode, Automotive Grade, 1210, 1.5 mm



Click here for the 3D model.

General Information	
Series	SMD Auto X7R FO
Style	SMD Chip
Description	SMD, MLCC, Open Mode, Automotive Grade
Features	Open Mode, 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

1210
3.2mm +/-0.2mm
2.5mm +/-0.2mm
2.5mm +/-0.30mm
1.5mm MIN
0.5mm +/-0.25mm

## **Packaging Specifications**

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

Specifications	
Capacitance	6.8 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 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	3.5%1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	73.5 MOhms

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