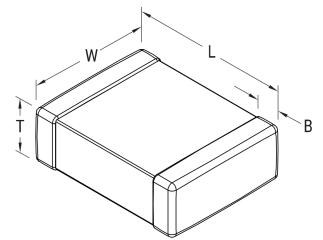


C1206C684K1RACAUTO

SMD Auto X7R, Ceramic, 0.68 uF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 1206



Click here for the 3D model.

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1.25mm +/-0.15mm
В	0.5mm +/-0.25mm

Packaging Specifications	kaging Specifications	
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	2500	

General Information	
Series	SMD Auto X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Automotive Grade
Features	Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	31 mg
Shelf Life	78 Weeks
MSL	1

Specifications			
Capacitance	0.68 uF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	100 VDC		
Dielectric Withstanding Voltage	250 VDC		
Temperature Range	-55/+125°C		
Temperature 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	735.3 MOhms		

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