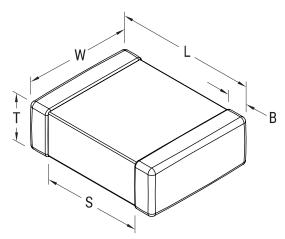


C0805C683K5RECAUTO

ESD SMD Auto X7R, Ceramic, 0.068 uF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0805, 0.7 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	16 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
т	1mm +/-0.10mm
S	0.7mm MIN
В	0.5mm +/-0.25mm

T&R, 180mm, Plastic Tape

2500

Packaging Specifications

Packaging	
Packaging Quantity	

Specifications Capacitance 0.068 uF Measurement Condition 1 kHz 1.0Vrms Tolerance 10% 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 14.7059 GOhms

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