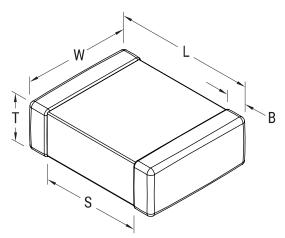


C0603C153K3RECAUTO

ESD SMD Auto X7R, Ceramic, 0.015 uF, 10%, 25 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0603, 0.5 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	4.8 mg
Shelf Life	78 Weeks
MSL	1

0603
1.6mm +/-0.15mm
0.8mm +/-0.15mm
0.8mm +/-0.07mm
0.5mm MIN
0.35mm +/-0.15mm

Packaging Specifications Packaging

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

Specifications	
Capacitance	0.015 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	25 VDC
ESD Level per AEC-Q200	16,000 V ESD Level
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	66.6667 GOhms

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