

C0805C154J1REC7210

General Information

Series

Style Description

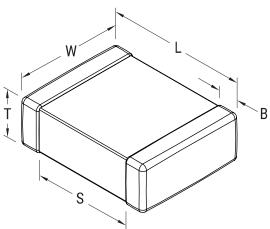
ESD SMD Comm X7R, Ceramic, 0.15 uF, 5%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0805, 0.7 mm

ESD SMD Comm X7R

SMD, MLCC, Temperature

SMD Chip





nensions	Specifications	
Click here for the 3D model.	MSL	1
	Shelf Life	78 Weeks
	Typical Component Weight	21 mg
	AEC-Q200	No
	Marking	No
	Termination	Tin
	RoHS	Yes
	Features	Temperature Stable, Class II
		Stable, Electro Static Discharge, Class II

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	1.25mm +/-0.15mm
S	0.7mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 330mm, Plastic Tape
Packaging Quantity	10000

Specifications	
Capacitance	0.15 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	100 VDC
ESD Level per AEC-Q200	25,000 V ESD Level
Dielectric Withstanding Voltage	250 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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	3.3333 GOhms

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