

## C1206X332K2RECTU

Aliases (C1206X332K2REC7800)

ESD SMD Comm X7R, Ceramic, 3,300 pF, 10%, 200 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 1206, 1.5 mm



Click [here](#) for the 3D model.

### General Information

Series	ESD SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	17 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	3,300 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	200 VDC
ESD Level per AEC-Q200	16,000 V ESD Level
Dielectric Withstanding Voltage	500 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	100 GOhms

### Dimensions

Chip Size	1206
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	0.78mm +/-0.20mm
S	1.5mm MIN
B	0.6mm +/-0.25mm

### Packaging Specifications

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

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