

## C0805C152M4RECTU

Aliases (C0805C152M4REC7800)

ESD SMD Comm X7R, Ceramic, 1,500 pF, 20%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0.7 mm, 0805 / 2012



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	Tin
Marking	No
Typical Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	1,500 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	16 VDC
ESD Level per AEC-Q200	4,000 V ESD Level
Dielectric Withstanding Voltage	40 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	100 GOhms

### Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

### Packaging Specifications

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

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