

## C1206C106M3RACTU

Aliases (C1206C106M3RAC7800)

SMD Comm X7R, Ceramic, 10 uF, 20%, 25 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1.5 mm, 1206 / 3216



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

### General Information

Series	SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	41 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	10 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	25 VDC
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	10% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	10 MOhms

### Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

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