

## C1206C105M3VACTU

Aliases (C1206C105M3VAC7800)

SMD Comm Y5V, Ceramic, 1 uF, 20%, 25 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 1.5 mm, 1206 / 3216



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

### General Information

Series	SMD Comm Y5V
Style	SMD Chip
Description	SMD, MLCC, General Purpose, Class III
Features	Class III
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	31 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-30/+85°C
Temp. Coefficient	Y5V
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+22%/-82%, 1kHz 1.0Vrms
Dissipation Factor	7% 1 kHz 1.0Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	100 MOhms

### Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.2mm +/-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	2500

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