

## C0805C106Z9VACTU

Aliases (C0805C106Z9VAC7800)

SMD Comm Y5V, Ceramic, 10 uF, -20/+80%, 6.3 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0.7 mm, 0805 / 2012



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	21 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	10 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	-20/+80%
Voltage DC	6.3 VDC
Dielectric Withstanding Voltage	15.75 VDC
Temperature Range	-30/+85°C
Temp. Coefficient	Y5V
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+22%/-82%, 1kHz 0.5Vrms
Dissipation Factor	10% 1 kHz 1.0Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	5 MOhms

### Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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