

## C0805C105K5PACTU

Aliases (C0805C105K5PAC7800)

SMD Comm X5R, Ceramic, 1uF, 10%, 50 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0.7 mm, 0805 / 2012



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

### General Information

Series	SMD Comm X5R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	1uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+85°C
Temp. Coefficient	X5R
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	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	100 MOhms

### Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.20mm
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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