

## C0402C106M7PACTU

Aliases (C0402C106M7PAC7867)

SMD Comm X5R, Ceramic, 10 uF, 20%, 4 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0.3 mm, 0402 / 1005



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	1.41 mg
Shelf Life	78 Weeks
MSL	1

### Dimensions

L	1mm +/-0.2mm
W	0.5mm +/-0.2mm
T	0.5mm +/-0.20mm
S	0.3mm MIN
B	0.3mm +/-0.1mm
Case Code (EIA / mm)	0402 / 1005

### Packaging Specifications

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

### Specifications

Capacitance	10 uF
Measurement Condition	1 kHz 0.5Vrms
Tolerance	20%
Voltage DC	4 VDC
Dielectric Withstanding Voltage	10 VDC
Temperature Range	-55/+85°C
Temp. Coefficient	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 0.2Vrms
Dissipation Factor	10% 1 kHz 0.5Vrms
Aging Rate	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	10 MOhms

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