

## C0805Y102K1RACTU

Aliases (C0805Y102K1RAC7800)

SMD Comm X7R FF, Ceramic, 1,000 pF, 10%, 100 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, 0.6 mm, 0805 / 2012



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

### General Information

Series	SMD Comm X7R FF
Style	SMD Chip
Description	SMD, MLCC, FF-CAP, Floating Electrode
Features	FF-CAP, Floating Electrode
RoHS	Yes
Termination	Flexible Termination
Marking	No
Typical Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

### Dimensions

L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	0.78mm +/-0.2mm
S	0.6mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

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