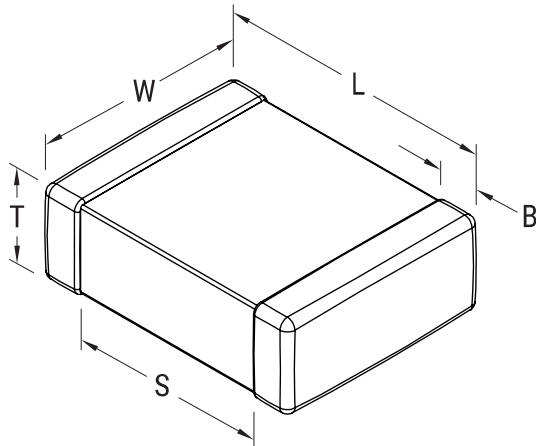


# C0805C823K1RALTU

Aliases (C0805C823K1RAL7800)

SMD Comm X7R SnPb, Ceramic, 0.082 uF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 0.7 mm, 0805 / 2012



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

## General Information

Series	SMD Comm X7R SnPb
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, SnPb Termination
Features	SnPb Termination
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb
Termination	Lead (SnPb)
Marking	No
Typical Component Weight	16 mg
Shelf Life	78 Weeks
MSL	1

## Specifications

Capacitance	0.082 uF
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%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	12.1951 GOhms

## Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1mm +/-0.10mm
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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