

C0402C151K5RALTU

Aliases (C0402C151K5RAL7867)

SMD Comm X7R SnPb, Ceramic, 150 pF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 0.3 mm, 0402 / 1005



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	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb
Termination	Lead (SnPb)
Marking	No
Typical Component Weight	1.21 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
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	150 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	100 GOhms

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