

## C0603T154K3RALTU

Aliases (C0603T154K3RAL7867)

SMD COTS X7R, Ceramic, 0.15 uF, 10%, 25 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0603



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

### Dimensions

Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

### Packaging Specifications

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

### General Information

Series	SMD COTS X7R
Style	SMD Chip
Description	SMD, MLCC, COTS, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a>
SCIP Number	2d771165-5336-48a3-96fa-3663929fd828
Termination	Lead (SnPb)
Marking	No
Failure Rate	Testing per MIL-PRF-55681 PDA 8%
AEC-Q200	No
Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.15 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	3.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	3.3333 GOhms