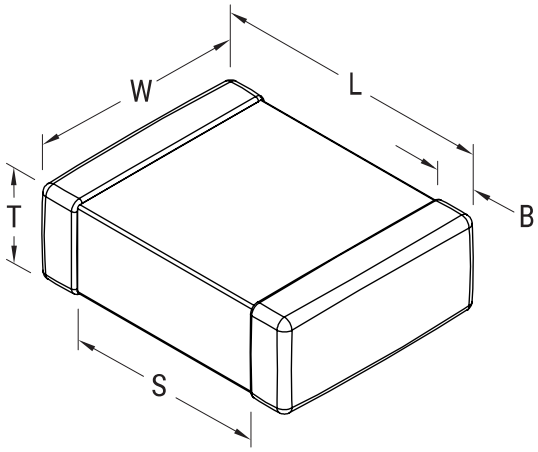
C0402T563K4RALTU

Aliases (C0402T563K4RAL7867)

SMD COTS X7R, Ceramic, 0.056 uF, 10%, 16 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0402 / 1005



Click here for the 3D model.

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	**WARNING:** Cancer and reproductive harm - https://www.p65warnings.ca.gov./
Termination	Lead (SnPb)
Marking	No
Failure Rate	Testing per MIL-PRF-55681 PDA 8%
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	0.056 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 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	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	8.9286 GOhms

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