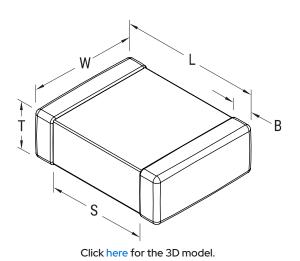


C0603T562K5RCLTU

Aliases (C0603T562K5RCL7867) SMD COTS X7R, Ceramic, 5,600 pF, 10%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0.5 mm, 0603 / 1608



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 /
SCIP Number	2d771165-5336-48a3-96fa-3663 929fd828
Termination	Lead (SnPb)
Marking	No
Failure Rate	Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition A
AEC-Q200	No
Typical Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.5mm MIN
В	0.35mm +/-0.15mm
Case Code (EIA / mm)	0603/1608
Packaging Specifications	

4000

Packaging

Packaging Quantity

T&R, 180mm, Paper Tape

Specifications	
Capacitance	5,600 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 1.0 Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and
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