

## C0805T394K5RCLTU

## Aliases (C0805T394K5RCL7800)

SMD COTS X7R, Ceramic, 0.39 uF, 10%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0805



Click here for the 3D model.

0805
2mm +/-0.2mm
1.25mm +/-0.2mm
1mm +/-0.10mm
0.75mm MIN
0.5mm +/-0.25mm

## **Packaging Specifications**

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 2500

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	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
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	
Component Weight	16 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications	
Capacitance	0.39 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.2821 GOhms

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