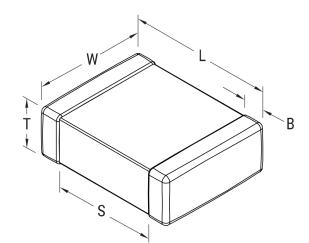


C0603T274J4RCLTU

Aliases (C0603T274J4RCL7867)

SMD COTS X7R, Ceramic, 0.27 uF, 5%, 16 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0603



Click here for the 3D model.

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 Packaging Quantity

T&R, 180mm, Paper Tape 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	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	4.8 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications	
Capacitance	0.27 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 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%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.8519 GOhms

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