

C2220T106J5RCLTU

Aliases (C2220T106J5RCL7800)

SMD COTS X7R, Ceramic, 10 uF, 5%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 2220



Click here for the 3D model.

Dimensions			
Chip Size	2220		
L	5.7mm +/-0.4mm		
W	5mm +/-0.4mm		
Т	2.4mm +/-0.15mm		
В	0.6mm +/-0.35mm	0.6mm +/-0.35mm	

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

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 - http://www.p65warnings.ca.gov.	
SCIP Number	2d771165-5336-48a3-96fa-3663929fd828	
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	390 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications	
Capacitance	10 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
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	50 MOhms

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