

C0402T222K5RCLTU

Aliases (C0402T222K5RCL7867)

SMD COTS X7R, Ceramic, 2200 pF, 10%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0402



Click here for the 3D model.

Dimensions	
Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

Packaging S	Specifications
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Packaging Packaging Quantity

T&R, 180mm, Paper Tape 10000

SeriesSMD COTS X7RStyleSMD ChipDescriptionSMD, MLCC, COTS, Temperature Stable, Class IIFeaturesTemperature Stable, Class IIRoHSNoProp 65A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.SCIP Number2d771165-5336-48a3-96fa-3663929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681PDA 8%, DPA per EIA- 469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoShelf Life78 WeeksMSL1	General Information		
DescriptionSMD, MLCC, COTS, Temperature Stable, Class IIFeaturesTemperature Stable, Class IIRoHSNoProp 65MarNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.SCIP Number2d771165-5336-48a3-96fa-3663929fd828TerminationLead (SnPb)MarkingNoFailure RateTesting per MIL-PRF-55681PDA 8%, DPA per EIA- 469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoComponent Weight1.21 mgShelf Life78 Weeks	Series	SMD COTS X7R	
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Failure RateTesting per MIL-PRF-55681 PDA 8%, DPA per EIA- 469, Humidity per MIL-STD-202, Method 103, Condition AAEC-Q200NoComponent Weight1.21 mgShelf Life78 Weeks	Termination	Lead (SnPb)	
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Component Weight1.21 mgShelf Life78 Weeks	Failure Rate	469, Humidity per MIL-STD-202, Method 103,	
Weight 1.21 mg Shelf Life 78 Weeks	AEC-Q200	No	
		1.21 mg	
MSL 1	Shelf Life	78 Weeks	
	MSL	1	

Specifications	
Capacitance	2200 pF
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	100 GOhms

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