

## C0603T104K5RBLTU

Aliases (C0603T104K5RBL7867)

SMD COTS X7R, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

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.  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  AEC-Q200 No	General Information	
Description SMD, MLCC, COTS, Temperature Stable, Class II Features Temperature Stable, Class II RoHS No Prop 65 MARNING: 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 AEC-Q200 No	Series	SMD COTS X7R
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RoHS No  Prop 65 **MARNING: 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  AEC-Q200 No	Description	SMD, MLCC, COTS, Temperature Stable, Class II
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Prop 65         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           AEC-Q200         No	RoHS	No
Termination Lead (SnPb)  Marking No  Failure Rate Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469  AEC-Q200 No	Prop 65	
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Failure Rate Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469  AEC-Q200 No	Termination	Lead (SnPb)
AEC-Q200 No	Marking	No
7.120 0,200	Failure Rate	
Component	AEC-Q200	No
Weight 4.8 mg	Component Weight	4.8 mg
Shelf Life 78 Weeks	Shelf Life	78 Weeks
MSL 1	MSL	1

Specifications	
Capacitance	0.1 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	5 GOhms

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