

C0603T103K3RBLTU

Aliases (C0603T103K3RBL7867)

SMD COTS X7R, Ceramic, 0.01 uF, 10%, 25 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 AWARNING: 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 Component Weight	General Information	
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 Component 48 mg	Series	SMD COTS X7R
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 EIA-469 AEC-Q200 No Component 48 mg	Style	SMD Chip
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 EIA-469 AEC-Q200 No Component 48 mg	Description	SMD, MLCC, COTS, Temperature Stable, Class II
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 AEC-Q200 No Component 48 mg	Features	Temperature Stable, Class II
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 Component 4.8 mg	RoHS	No
Termination Lead (SnPb) Marking No Failure Rate Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469 AEC-Q200 No Component 4.8 mg	Prop 65	
Marking No Failure Rate Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469 AEC-Q200 No Component 4.8 mg	SCIP Number	2d771165-5336-48a3-96fa-3663929fd828
Failure Rate Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469 AEC-Q200 No Component 4.8 mg	Termination	Lead (SnPb)
AEC-Q200 No Component 4.8 mg	Marking	No
Component 48 mg	Failure Rate	
	AEC-Q200	No
9	Component Weight	4.8 mg
Shelf Life 78 Weeks	Shelf Life	78 Weeks
MSL 1	MSL	1

Specifications		
Capacitance	0.01 uF	
Measurement Condition	1 kHz 1.0Vrms	
Capacitance Tolerance	10%	
Voltage DC	25 VDC	
Dielectric Withstanding Voltage	62.5 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% 1 kHz 1.0 Vrms	
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours	
Insulation Resistance	100 GOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.