KEMET Part Number: C1210T333K5RBLTU

(C1210T333K5RBL7800)



SMD COTS X7R, Ceramic, 0.033 uF, 10%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 1210



Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	0.78mm +/-0.10mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	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: Termination:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov. Lead (SnPb)	
Marking:	No	
Failure Rate:	Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469	
AEC-Q200:	No	
Component Weight:	40 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	0.033 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:	30.303 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.



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