

M3253506E2B334JRMB

Aliases (C1210K334J1RNL)

SMD MIL X7R PRF32535, Ceramic, 0.33 uF, 5%, 100 VDC, X7R, SMD, Low ESR, MIL-PRF-32535, 1210



Click here for the 3D model.

Dimensions	
Chip Size	1210
L	3.2mm +0.3/-0.25mm (0.126 in +0.012/-0.01 in)
W	2.49mm +0.3/-0.25mm (0.098 in +0.012/-0.01 in)
Т	2.79mm MAX (0.11 in MAX)
В	0.51mm +/-0.36mm (0.02 in +/-0.014 in)

Packaging Specifications			
Packaging	Waffle		
Packaging Quantity	368		

General Information		
Series	SMD MIL X7R PRF32535	
Style	SMD Chip	
Description	SMD, Low ESR, MIL-PRF-32535	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
Termination	Flexible Termination	
Qualifications	MIL-PRF-32535 M-Level	
AEC-Q200	No	
Component Weight	108 mg	
Shelf Life	78 Weeks	
MSL	1	

Capacitance 0.33 uF Capacitance Tolerance 5% Voltage DC 100 VDC Dielectric Withstanding Voltage 250 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 0% Loss/Decade Hour	Specifications	
Voltage DC Dielectric Withstanding Voltage Temperature Range -55/+125°C Temperature Coefficient Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 100 VDC 250 VDC X7R 15%, 1kHz 1.0Vrms 2.5% 1kHz 1.0Vrms 0% Loss/Decade Hour	Capacitance	0.33 uF
Dielectric Withstanding Voltage Temperature Range -55/+125°C Temperature Coefficient Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 250 VDC X7R 250 VDC 270 VDC	Capacitance Tolerance	5%
Temperature Range -55/+125°C Temperature Coefficient X7R Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor 2.5% 1 kHz 1.0Vrms Aging Rate 0% Loss/Decade Hour	Voltage DC	100 VDC
Temperature Coefficient X7R Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate X7R 15%, 1kHz 1.0Vrms 2.5% 1kHz 1.0Vrms 0% Loss/Decade Hour	Dielectric Withstanding Voltage	250 VDC
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 15%, 1kHz 1.0Vrms 2.5% 1kHz 1.0Vrms 0% Loss/Decade Hour	Temperature Range	-55/+125°C
and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 2.5% 1kHz 1.0Vrms 0% Loss/Decade Hour	Temperature Coefficient	X7R
Aging Rate Dissipation Factor 1.0Vrms 0% Loss/Decade Hour		15%, 1kHz 1.0Vrms
Aging Rate Hour	Dissipation Factor	
	Aging Rate	
Insulation Resistance 3.03 GOhms	Insulation Resistance	3.03 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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