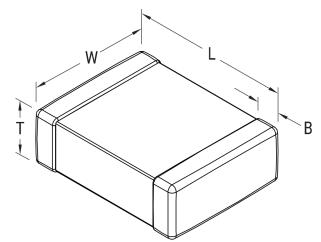


M3253505E2Y105KVMB

Aliases (C1206K105K4RNG)

SMD MIL X7R PRF32535, Ceramic, 1 uF, 10%, 16 VDC, X7R, SMD, Military, Low ESR, MIL-PRF-32535, N/A, 1206



Click here for the 3D model.

Dimensions	
Chip Size	1206
L	3.2mm +0.3/-0.25mm (0.126 in +0.012/-0.01 in)
W	1.6mm +0.3/-0.25mm (0.063 in +0.012/-0.01 in)
т	1.8mm MAX (0.071 in MAX)
В	0.51mm +/-0.36mm (0.02 in +/-0.014 in)

Packaging Specifications			
Packaging	Waffle		
Packaging Quantity	80		

General Information			
Series	SMD MIL X7R PRF32535		
Style	SMD Chip		
Description	SMD, Military, Low ESR, MIL-PRF-32535		
RoHS	Yes		
Termination	Gold		
Failure Rate	N/A		
Qualifications	MIL-PRF-32535		
AEC-Q200	No		
Component Weight	57 mg		

Specifications				
Capacitance	1uF			
Capacitance Tolerance	10%			
Voltage DC	16 VDC			
Dielectric Withstanding Voltage	40 VDC			
Temperature Range	-55/+125°C			
Temperature Coefficient	X7R			
Dissipation Factor	3.5% 1 MHz 25C			
Aging Rate	3% Loss/Decade Hour			
Insulation Resistance	500 MOhms			

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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