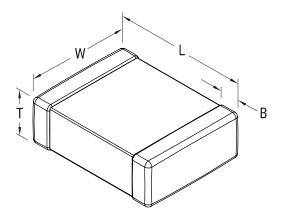
## KEMET Part Number: M3253505E2Z105KZMB

(C1206K105K3RML)



SMD MIL X7R PRF32535, Ceramic, 1 uF, 10%, 25 VDC, X7R, SMD, Military, Low ESR, MIL-PRF-32535, N/A, 1206



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:	No
Prop 65: SCIP Number:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov. d66873f5-e54d-410c-a0cf-ebf6fcf635b5
Termination:	Solder Plated
Failure Rate:	N/A
Qualifications:	MIL-PRF-32535
AEC-Q200:	No
Component Weight:	57 mg

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5% 1 MHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	1 GOhms

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