

M3253505E2Z105KZMB

Aliases (C1206K105K3RML)

SMD MIL X7R PRF32535, Ceramic, 1 uF, 10%, 25 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	No
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	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	1uF
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	1GOhms

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