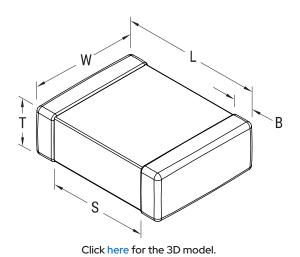


M3253505E2Z105KZMB-T&R

Aliases (C1206K105K3RML7189) SMD MIL X7R PRF32535, Ceramic, 1 uF, 10%, 25 VDC, X7R, SMD, MIL-PRF-32535, N/A, 1206, 1.5 mm



General Information	
Series	SMD MIL X7R PRF32535
Style	SMD Chip
Description	SMD, MIL-PRF-32535
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	d66873f5-e54d-410c-a0cf-ebf 6fcf635b5
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
AEC-Q200	No
Typical Component Weight	57 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1206
L	3.2mm +0.3/-0.25mm
W	1.6mm +0.3/-0.25mm
Т	1.8mm MAX
S	1.5mm MIN
В	0.51mm +/-0.36mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	2500

Specifications	
Capacitance	1uF
Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	1GOhms

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.

Generated 08/04/2025 © 2006 - 2025 YAGEO