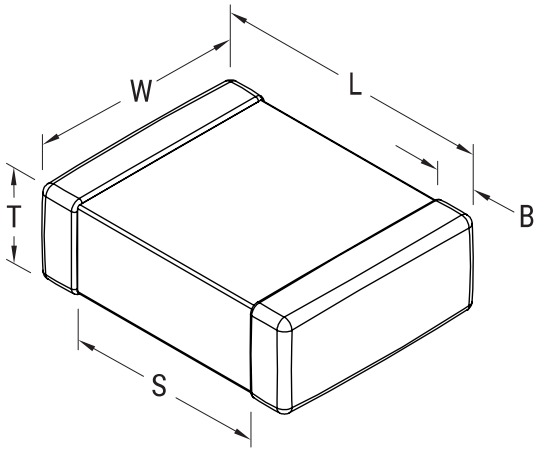
M3253503E2X224KZMB

Aliases (C0603K224K8RML)

SMD MIL X7R PRF32535, Ceramic, 0.22 uF, 10%, 10 VDC, X7R, SMD, MIL-PRF-32535, N/A, 0603 / 1608



Click here for the 3D model.

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-ebf6fcf635b5
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
Typical Component Weight	6.3 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	1.6mm +0.2/-0.15mm
W	0.81mm +0.2/-0.15mm
T	1.02mm MAX
S	0.5mm MIN
B	0.41mm +/-0.2mm
Case Code (EIA / mm)	0603 / 1608

Packaging Specifications	
Packaging	Waffle
Packaging Quantity	100

Specifications	
Capacitance	0.22 uF
Tolerance	10%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 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	5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	2.2727 GOhms

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