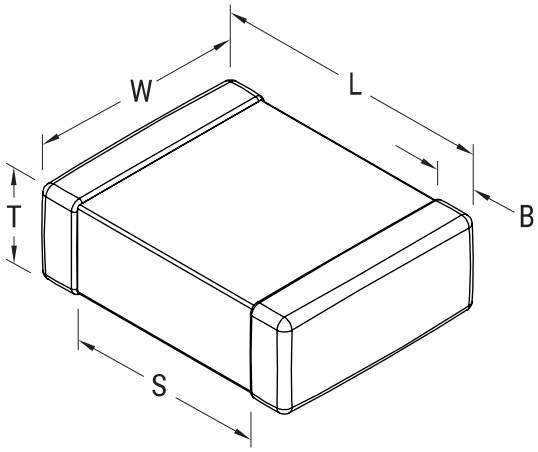
M3253502E2A682KZMB

Aliases (C0402K682K5RML)

SMD MIL X7R PRF32535, Ceramic, 6,800 pF, 10%, 50 VDC, X7R, SMD, MIL-PRF-32535, N/A, 0402 / 1005



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	1.6 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	1.02mm +0.15/-0.1mm
W	0.51mm +0.13/-0.1mm
T	0.64mm MAX
S	0.3mm MIN
B	0.1mm MIN
Case Code (EIA / mm)	0402 / 1005

Packaging Specifications	
Packaging	Waffle
Packaging Quantity	368

Specifications	
Capacitance	6,800 pF
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	100 GOhms

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