

KEMET Part Number: M3253503E2Z104KZMB
(C0603K104K3RML)

SMD MIL X7R PRF32535, Ceramic, 0.1 uF, 10%, 25 VDC, X7R, SMD, Military, Low ESR, MIL-PRF-32535, N/A, 0603



Dimensions	
L	1.6mm +/-0.15mm (0.063 in +/-0.006 in)
W	0.81mm +/-0.15mm (0.032 in +/-0.006 in)
T	0.99mm MAX (0.039 in MAX)
B	0.41mm +/-0.2mm (0.016 in +/-0.008 in)

Packaging Specifications	
Weight:	6300 ug
Packaging:	Waffle
Packaging Quantity:	100

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 - www.p65warnings.ca.gov .
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Plated
Failure Rate:	N/A
Qualifications:	MIL-PRF-32535
AEC-Q200:	No
Chip Size:	0603

Specifications	
Capacitance:	100000 pF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	3.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms

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