

KEMET Part Number: M3253503E2X224KZMB
(C0603K224K8RML)

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




Dimensions

Dimensions	
Chip Size	0603
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

Specifications

Capacitance:	0.22 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	5% 1 MHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	2.27 GOhms

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