


KEMET Part Number: M3253508E2W106KZMB
(C2220K106K9RML)

SMD MIL X7R PRF32535, Ceramic, Military/High Reliability, 10 uF, 10%, 6.3 VDC, X7R, SMD, Conformal, Military, Low ESR, MIL-PRF-32535, N/A, 2220



Dimensions	
L	5.69mm +/-0.41mm (0.224 in +/-0.016 in)
W	5mm +/-0.41mm (0.197 in +/-0.016 in)
T	2.79mm MAX (0.11 in MAX)
B	0.64mm +/-0.46mm (0.025 in +/-0.018 in)

Packaging Specifications	
Weight:	430 mg
Packaging:	Waffle
Packaging Quantity:	80

General Information	
Supplier:	KEMET
Series:	SMD MIL X7R PRF32535
Style:	SMD Chip
Description:	SMD, Conformal, 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
Notes:	2mm Pitch T&R packaging option will double quantity. Only for 0603 Chip Size
Chip Size:	2220

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC
Dielectric Withstanding Voltage:	15.75 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	7.50% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	50 MOhms

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