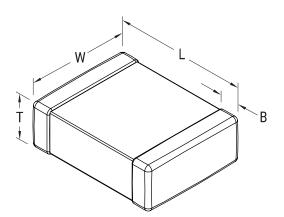
## KEMET Part Number: M3253506E2Z225KZMB

(C1210K225K3RML)



SMD MIL X7R PRF32535, Ceramic, Military/High Reliability, 2.2 uF, 10%, 25 VDC, X7R, SMD, Conformal, Military, Low ESR, MIL-PRF-32535, N/A, 1210



Dimensions	
L	3.2mm +/-0.25mm
	(0.126 in +/-0.01 in)
W	2.49mm +/-0.25mm
	(0.098 in +/-0.01 in)
Т	2.79mm MAX (0.11 in MAX)
В	0.51mm +/-0.36mm
	(0.02 in +/-0.014 in)

Packaging Specifications	
Weight:	108 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:	A 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:	1210	

Specifications		
Capacitance:	2.2 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC	
Dielectric Withstanding Voltage:	62.5 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.50% 1kHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	450 MOhms	

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