KEMET Part Number: M3253504E2A104KZMB

(C0805K104K5RML)



SMD MIL X7R PRF32535, Ceramic, Military/High Reliability, 0.1 uF, 10%, 50 VDC, X7R, SMD, Conformal, Military, Low ESR, MIL-PRF-32535, N/A, 0805



Dimensions		
L	2.01mm +/-0.25mm (0.079 in +/-0.01 in)	
w	1.27mm +/-0.25mm (0.05 in +/-0.01 in)	
Т	1.52mm MAX (0.06 in MAX)	
В	0.51mm +/-0.25mm (0.02 in +/-0.01 in)	

Packaging Specifications		
Weight:	20 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:	0805	

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	

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