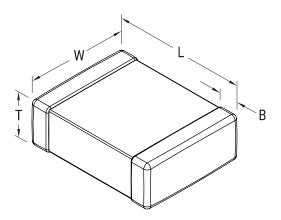
KEMET Part Number: M3253504E2A104KZMB

(C0805K104K5RML)



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



Dimensions		
Chip Size	0805	
L	2.01mm +0.3/-0.25mm	
	(0.079 in +0.012/-0.01 in)	
W	1.27mm +0.3/-0.25mm	
	(0.05 in +0.012/-0.01 in)	
Т	1.57mm MAX (0.062 in MAX)	
В	0.51mm +/-0.25mm	
	(0.02 in +/-0.01 in)	

Packaging Specifications		
Packaging:	Waffle	
Packaging Quantity:	80	

General Information	
Series:	SMD MIL X7R PRF32535
Style:	SMD Chip
Description:	SMD, Military, Low ESR, MIL- PRF-32535
RoHS:	No
Prop 65: SCIP Number:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov. d66873f5-e54d-410c-a0cf-ebf6fcf635b5
Termination:	Solder Plated
Failure Rate:	N/A
Qualifications:	MIL-PRF-32535
AEC-Q200:	No
Component Weight:	20 mg

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5% 1 MHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	

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