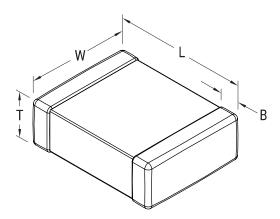
KEMET Part Number: M3253503E1B102JZMB

(C0603K102J1EML)



SMD MIL COG PRF32535, Ceramic, 1000 pF, 5%, 100 VDC, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 0603



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)	
Т	0.99mm MAX (0.039 in MAX)	
В	0.41mm +/-0.2mm	
	(0.016 in +/-0.008 in)	

Packaging Specifications		
Packaging:	Waffle	
Packaging Quantity:	368	

General Information		
Series:	SMD MIL COG PRF32535	
Style:	SMD Chip	
Description:	SMD, 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)	
SCIP Number:	d66873f5-e54d-410c-a0cf- ebf6fcf635b5	
Termination:	Solder Plated	
Failure Rate:	N/A	
Qualifications:	MIL-PRF-32535 M-Level	
AEC-Q200:	No	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	1000 pF	
Capacitance Tolerance:	5%	
Voltage DC:	100 VDC	
Dielectric Withstanding Voltage:	250 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.15% 1 MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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