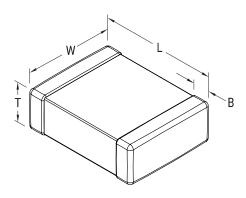
## KEMET Part Number: M3253505E1B103JZMB-T&R

(C1206K103J1EML7189)



SMD MIL COG PRF32535, Ceramic, Military/High Reliability, 0.01 uF, 5%, 100 V, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 1206



Dimensions		
L (Imperial)	0.126 Inches +/-0.010 Inches	
L	3.2mm +/-0.25mm	
W (Imperial)	0.063 Inches +/-0.010 Inches	
W	1.6mm +/-0.25mm	
T (Imperial)	0.070 Inches MAX	
Т	1.78mm MAX	
B (Imperial)	0.020 Inches +/-0.014 Inches	
В	0.51mm +/-0.36mm	

Packaging Specifications		
Packaging:	T&R	
Packaging Quantity:	4000	

General Information		
Supplier:	KEMET	
Series:	SMD MIL COG PRF32535	
Style:	SMD Chip	
Description:	SMD, Low ESR, MIL-PRF-32535	
RoHS:	No	
Termination:	Solder Plated	
Failure Rate:	N/A	
Qualifications:	MIL-PRF-32535 M-Level	
Chip Size:	1206	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	5%	
Voltage DC:	100 VDC	
Dielectric Withstanding Voltage:	250 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.15% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

