KEMET Part Number: C1206C105Z3VACTU

(C1206C105Z3VAC7800)



SMD Comm Y5V, Ceramic, 1 uF, -20/+80%, 25 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 1206



Dimensions		
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	1.2mm +/-0.20mm	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information		
Series:	SMD Comm Y5V	
Style:	SMD Chip	
Description:	SMD, MLCC, General Purpose, Class III	
Features:	Class III	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
AEC-Q200:	No	
Miscellaneous:	Note: Referee time for Y5V dielectric for this part number is 48 hours	
Chip Size:	1206	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	1000000 pF, 1kHz 1.0Vrms	
Capacitance Tolerance:	-20/+80%	
Voltage DC:	25 VDC	
Dielectric Withstanding Voltage:	62.5 VDC	
Temperature Range:	-30/+85°C	
Temperature Coefficient:	Y5V	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	+22%/-82%, 1kHz 1.0Vrms	
Dissipation Factor:	7.00% 1kHz 1.0Vrms	
Aging Rate:	7% Loss/Decade Hour	
Insulation Resistance:	100 MOhms	

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.



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