## KEMET Part Number: C0603C105Z8VACTU

(C0603C105Z8VAC7867)



## SMD Comm Y5V, Ceramic, 1 uF, -20/+80%, 10 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0603



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.10mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information	
Supplier:	KEMET
Series:	SMD Comm Y5V
Style:	SMD Chip
Description:	SMD, MLCC, General Purpose, Class III
Features:	Class III
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for Y5V dielectric for this part number is 48 hours
Chip Size:	0603

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	-20/+80%	
Voltage DC:	10 VDC	
Dielectric Withstanding Voltage:	25 V	
Temperature Range:	-30/+85C	
Temperature Coefficient:	Y5V	
Dissipation Factor:	10.00% 1kHz 25C	
Aging Rate:	7% Loss/Decade Hour	
Insulation Resistance:	50 MOhms	

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