

**KEMET Part Number: C0805C105Z4VACTU**  
(C0805C105Z4VAC7800)

Capacitor, Ceramic, SMD, MLCC, General Purpose, Class III, 1 uF, -20/+80% Tol, 16 V, Y5V, 0805 (2012 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0805 (2012 metric)
Temperature Coefficient:	Y5V
Part Type Description:	SMD, MLCC, General Purpose, Class III
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	2	+/-0.2
W	1.25	+/-0.2
T	0.9	+/-0.10
B	0.5	+/-0.25
S	0.75	MIN

Specifications	
Capacitance:	1 uF
Voltage:	16 V
Tolerance:	-20/+80%
Temperature Range:	-30/+85C
Dissipation Factor:	7%
Failure Rate:	N/A
Aging Rate:	7% loss/decade hour
Insulation Resistance:	100 MOhm
Dielectric Strength:	40 V
Miscellaneous:	Note: Referee time for Y5V dielectric for this part number is 48 hours

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	4000