

**KEMET Part Number: C0805C105Z3VACTU**  
 (C0805C105Z3VAC7800, C0805C105Z3VACTR, 0805C105Z3VACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 1 uF, -20/+80%, 25 V, 0805, Y5V, SMD, MLCC, General Purpose, Class III



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

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

General Information	
Style:	SMD Chip
Supplier:	KEMET
Series:	Commercial-(CxxxxC)
Chip Size:	0805
Description:	SMD, MLCC, General Purpose, Class III
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for Y5V dielectric for this part number is 48 hours

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	-20/+80%
Voltage DC:	25 VDC
Temperature Range:	-30/+85C
Temperature Coefficient:	Y5V
Dissipation Factor:	7%
Aging Rate:	7% Loss/Decade Hour
Dielectric Strength:	62.5 V

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