

KEMET Part Number: C0603C105Z9VACTU
(C0603C105Z9VAC7867)

Ceramic, Commercial-(CxxxxC), 1 uF, -20/+80%, 6.3 V, 0603, Y5V, SMD, MLCC, General Purpose, Class III



Dimensions

L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	0603
Description:	SMD, MLCC, General Purpose, Class III
Features:	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:	6.3 VDC
Dielectric Withstanding Voltage:	15.75 V
Temperature Range:	-30/+85C
Temperature Coefficient:	Y5V
Dissipation Factor:	10%
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	50 MOhms