

KEMET Part Number: C1206C104Z5UACTU
(C1206C104Z5UAC7800)

Ceramic, Commercial-(CxxxxC), 0.1 uF, -20/+80%, 50 V, 1206, Z5U, SMD, MLCC, General Purpose, Class III



Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	0.78mm +/-0.10mm
B	0.5mm +/-0.25mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1206
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 Z5U dielectric for this part number is 1000 hours

Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	-20/+80%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	+10/+85C
Temperature Coefficient:	Z5U
Dissipation Factor:	4%
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	1 GOhms