

KEMET Part Number: C0805C104M5UACTU
(C0805C104M5UAC7800)

Capacitor, Ceramic, SMD, MLCC, General Purpose, Class III, 0.1 uF, +/-20% Tol, 50 V, Z5U, 0805 (2012 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0805 (2012 metric)
Temperature Coefficient:	Z5U
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	0.78	+/-0.10
B	0.5	+/-0.25
S	0.75	MIN

Specifications	
Capacitance:	0.1 uF
Voltage:	50 V
Tolerance:	+/-20%
Temperature Range:	+10/+85C
Dissipation Factor:	4%
Failure Rate:	N/A
Aging Rate:	7% loss/decade hour
Insulation Resistance:	1 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for Z5U 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