

**KEMET Part Number: C1206C224M5UACTU**  
(C1206C224M5UAC7800)

Capacitor, Ceramic, SMD, MLCC, General Purpose, Class III, 0.22 uF, +/-20% Tol, 50 V, Z5U, 1206 (3216 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	1206 (3216 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	3.2	+/-0.2
W	1.6	+/-0.2
T	0.9	+/-0.10
B	0.5	+/-0.25

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

Specifications	
Capacitance:	0.22 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:	455 MOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for Z5U dielectric for this part number is 1000 hours