

KEMET Part Number: C1812C105M5UACTU
(C1812C105M5UAC7800)

Ceramic, SMD Comm Z5U, 1 uF, 20%, 50 V, 1812, Z5U, SMD, MLCC, General Purpose, Class III



Dimensions

L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	1.3mm +/-0.10mm
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information

Style:	SMD Chip
Series:	SMD Comm Z5U
Chip Size:	1812
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:	1 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	+10/+85C
Temperature Coefficient:	Z5U
Dissipation Factor:	4% 1kHz 25C
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	100 MOhms