

KEMET Part Number: C1825C105M5UACTU
(C1825C105M5UAC7800)

Ceramic, Commercial-(CxxxxC), 1 uF, 20%, 50 V, 1825, Z5U, SMD, MLCC, General Purpose, Class III



Dimensions

L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
T	1.1mm +/-0.15mm
B	0.6mm +/-0.35mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1825
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%
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	100 MOhms