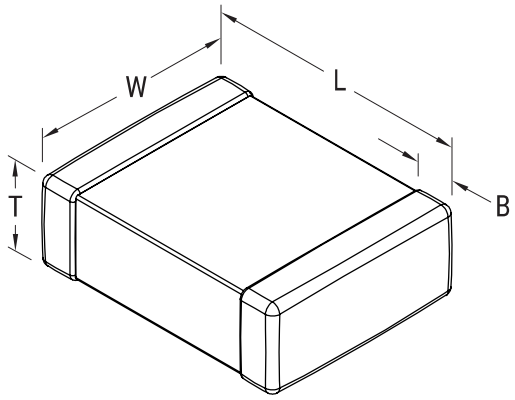
KEMET Part Number: C1825C105M5UACTM

(C1825C105M5UAC7025)

SMD Comm Z5U, Ceramic, 1 uF, 20%, 50 VDC, Z5U, SMD, MLCC, General Purpose, Class III, 1825



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	
Supplier:	KEMET
Series:	SMD Comm Z5U
Style:	SMD Chip
Description:	SMD, MLCC, General Purpose, Class III
Features:	Class III
RoHS:	Yes
Termination:	Tin
Marking:	Yes
Miscellaneous:	Note: Referee time for Z5U dielectric for this part number is 1000 hours
Chip Size:	1825
Shelf Life:	78 Weeks
MSL:	1

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:	4.00% 1kHz 25C
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	100 MOhms

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