## KEMET Part Number: C1825C105M5UACTU

(C1825C105M5UAC7800)



## 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
Т	1.1mm +/-0.15mm
В	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:	No	
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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