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	
Т	1.1mm +/-0.15mm	
В	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	

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