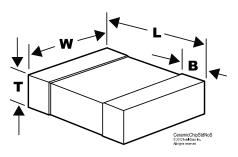
KEMET Part Number: C1812C105M5UACTU

(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	
Т	1.3mm +/-0.10mm	
В	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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

