

**KEMET Part Number: C1825C105KARACTU**  
(C1825C105KARAC7800)



Capacitor, Ceramic, SMD, MLCC, Tip & Ring, Temperature Stable, 1 uF, +/-10% Tol, 250 V, X7R, 1825



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General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	1825
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, Tip & Ring, Temperature Stable
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	4.5	+/-0.3
W	6.4	+/-0.4
T	1.5	+/-0.15
B	0.6	+/-0.35

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	1000

Specifications	
Capacitance:	1 uF
Voltage:	250 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	1 GOhm
Dielectric Strength:	625 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

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