KEMET Part Number: C1812C105K5RACTU

(C1812C105K5RAC7800)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1 uF, +/-10% Tol, 50V, X7R, 1812



General Information		
Supplier:	KEMET	
Part Type Description:	SMD, MLCC, Temperature Stable, Class II	
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	4.50	+/-0.30
W	3.20	+/-0.30
Т	1.30	+/-0.10
В	0.60	+/-0.35

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

Specifications		
Capacitance:	1 uF	
Chip Size:	1812	
Voltage:	50V	
Temperature Coefficient:	X7R	
Tolerance:	+/-10%	
Application:	Standard Chip	
Termination Type:	Tin	
Marked:	No	
Temperature Range:	-55/+125C	
Dissipation Factor:	2.5%	
Insulation Resistance:	1 GOhm	
Dielectric Strength:	125V	

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