

**KEMET Part Number: C1210C106K8RACTU**  
(C1210C106K8RAC7800)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 10 uF, +/-10% Tol, 10 V, X7R, 1210 (3225 metric)



#### General Information

<b>Supplier:</b>	KEMET
<b>Application:</b>	Standard Chip
<b>Chip Size:</b>	1210 (3225 metric)
<b>Temperature Coefficient:</b>	X7R
<b>Part Type Description:</b>	SMD, MLCC, Temperature Stable, Class II
<b>Termination Type:</b>	Tin (Sn)
<b>Marked:</b>	No
<b>RoHS:</b>	Yes

#### Dimensions (mm)

Symbol	Dimension	Tolerance
<b>L</b>	3.2	+/-0.3
<b>W</b>	2.5	+/-0.22
<b>T</b>	1.9	+/-0.20
<b>B</b>	0.5	+/-0.25

#### Packaging Specifications

<b>Package Kind:</b>	T&R
<b>Package Size:</b>	7 in/180 mm
<b>Package Type:</b>	Plastic Tape
<b>Package Quantity:</b>	2000

#### Specifications

<b>Capacitance:</b>	10 uF
<b>Voltage:</b>	10 V
<b>Tolerance:</b>	+/-10%
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	5%
<b>Failure Rate:</b>	N/A
<b>Aging Rate:</b>	3% loss/decade hour
<b>Insulation Resistance:</b>	50 MOhm
<b>Dielectric Strength:</b>	25 V
<b>Miscellaneous:</b>	Note: Referee time for X7R dielectric for this part number is 48 hours

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.



© 2006-2016 IntelliData.net