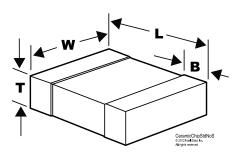
## **KEMET Part Number: C1206C225K5RACAUTO**



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 2.2 uF, +/-10% Tol, 50 V, X7R, 1206 (3216 metric)



General Information		
Supplier:	KEMET	
Application:	Automotive (AEC-Q200 Qualified)	
Chip Size:	1206 (3216 metric)	
Temperature Coefficient:	X7R	
Part Type Description:	SMD, MLCC, Temperature Stable, Automotive Grade	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
Т	1.6	+/-0.20
В	0.5	+/-0.25

Packaging Specifications		
-&R		
' in/180 mm		
Plastic Tape		
2000		
,		

Specifications		
Capacitance:	2.2 uF	
Voltage:	50 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	10%	
Failure Rate:	N/A	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	230 MOhm	
Dielectric Strength:	125 V	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 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.

