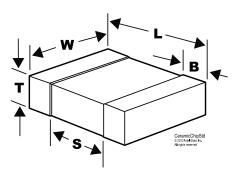
## **KEMET Part Number: C0805X105K3RACAUTO**



## Capacitor, Ceramic, SMD, MLCC, FT-CAP, Auto Grade, 1 uF, +/-10% Tol, 25 V, X7R, 0805 (2012 metric)



General Information		
Supplier:	KEMET	
Application:	Automotive (AEC-Q200 Qualified)	
Chip Size:	0805 (2012 metric)	
Temperature Coefficient:	X7R	
Part Type Description:	SMD, MLCC, FT-CAP, Auto Grade	
Termination Type:	Flexible Termination	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	2	+/-0.3	
W	1.25	+/-0.3	
Т	1.25	+/-0.15	
В	0.5	+/-0.25	
S	0.75	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	2500	

Specifications	
Capacitance:	1 uF
Voltage:	25 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	3.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	500 MOhm
Dielectric Strength:	62.5 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

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