KEMET Part Number: C1206C105K5RACAUTO



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 1 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	3.20	+/-0.2
W	1.60	+/-0.2
Т	1.00	+/-0.10
В	0.50	+/-0.25

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

Specifications		
Capacitance:	1 uF	
Voltage:	50 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	2.5%	
Failure Rate:	NA	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	500 MOhm	
Dielectric Strength:	125 V	
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

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