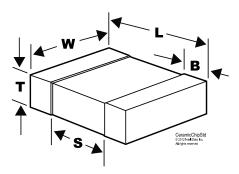
## **KEMET Part Number: C0603C224M3RACAUTO**



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.22 uF, +/-20% Tol, 25V, X7R, 0603 (1608 metric)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	1.60	+/-0.15	
W	0.80	+/-0.15	
Т	0.80	+/-0.07	
В	0.35	+/-0.15	
S	0.7	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7in	
Package Type:	Paper Tape	
Package Quantity:	4000	

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

Specifications		
Capacitance:	0.22 uF	
Chip Size:	0603 (1608 metric)	
Voltage:	25V	
Temperature Coefficient:	X7R	
Tolerance:	+/-20%	
Application:	Automotive/Standard Chip	
Termination Type:	Tin (Sn)	
Marked:	No	
Temperature Range:	-55/+125C	
Dissipation Factor:	3.5%	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	2.27 GOhm	
Dielectric Strength:	62.5V	

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