## KEMET Part Number: C0603C224K3RACAUTO



## SMD Auto X7R, Ceramic, 0.22 uF, 10%, 25 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 0603



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	4000	

General Information		
Supplier:	KEMET	
Series:	SMD Auto X7R	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, Automotive Grade	
Features:	Temperature Stable, Automotive Grade	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours	
Chip Size:	0603	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.22 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC	
Dielectric Withstanding Voltage:	62.5 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	5.00% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	2.273 GOhms	

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