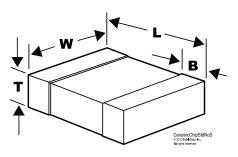
## **KEMET Part Number: C1812X225K5RACAUTO**



## SMD Auto X7R Flex, Ceramic, 2.2 uF, 10%, 50 V, 1812, X7R, SMD, MLCC, FT-CAP, Automotive Grade



Dimensions		
L	4.5mm +/-0.4mm	
W	3.2mm +/-0.3mm	
Т	1.55mm +/-0.10mm	
В	0.7mm +/-0.35mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

General Information	
Supplier:	KEMET
Series:	SMD Auto X7R Flex
Style:	SMD Chip
Chip Size:	1812
Description:	SMD, MLCC, FT-CAP, Automotive Grade
Features:	FT-CAP, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

<b>Specifications</b>	
Capacitance:	2.2 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5% 120Hz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	227 MOhms

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