## **KEMET Part Number: C2220X104KDRACAUTO**



## SMD Auto X7R HV Flex, Ceramic, 0.1 uF, 10%, 1000 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 2220



Dimensions		
L	5.9mm +/-0.75mm	
W	5mm +/-0.4mm	
Т	2.5mm +/-0.20mm	
В	0.7mm +/-0.35mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	500	

General Information	
Supplier:	KEMET
Series:	SMD Auto X7R HV Flex
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Automotive Grade
Features:	FT-CAP, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	2220

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	1000 VDC	
Dielectric Withstanding Voltage:	1,200 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	

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