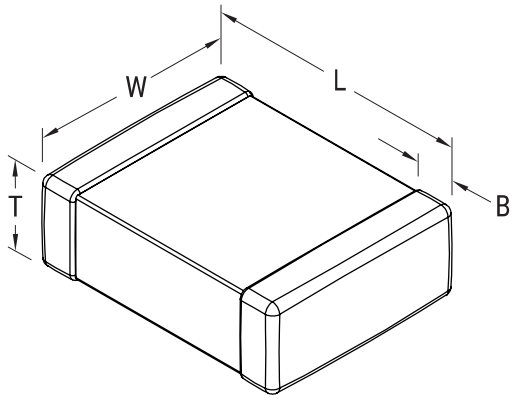
KEMET Part Number: C1210C103KFRACAUTO

SMD Auto X7R HV, Ceramic, 0.01 uF, 10%, 1500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 1210



Dimensions	
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.1mm +/-0.20mm
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2000

General Information	
Supplier:	KEMET
Series:	SMD Auto X7R HV
Style:	SMD Chip
Description:	SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade
Features:	High Voltage, Temp 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 1000 hours
Chip Size:	1210
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	1500 VDC
Dielectric Withstanding Voltage:	1,800 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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