

SMD Auto X7R HV, Ceramic, 0.01 uF, 10%, 2,000 V, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 2220



CeramicChipSolutions
 © 2017 Intellicore, Inc.
 All rights reserved

Dimensions

L	5.7mm +/-0.4mm
W	5mm +/-0.4mm
T	2mm +/-0.20mm
B	0.6mm +/-0.35mm

Packaging Specifications

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

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
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	2220

Specifications

Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	2000 VDC
Dielectric Withstanding Voltage:	2,400 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOHms