

SMD AUTO X8G HVHT150C, Ceramic, 0.01 uF, 5%, 1000 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, Automotive Grade, 2220



Dimensions	
Chip Size	2220
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	
Series:	SMD AUTO X8G HVHT150C
Style:	SMD Chip
Description:	SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, Automotive Grade
Features:	High Temperature, Ultra-Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	260 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.01 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	2500 VDC
Temperature Range:	-55/+150°C
Temperature Coefficient:	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor:	0.1% 1 kHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	100 GOhms

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