

## C1206C103JBTACAUTO

SMD Auto X8G HVHT150C, Ceramic, 0.01 uF, 5%, 630 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, Automotive Grade, 1.5 mm, 1206 / 3216



Click [here](#) for the 3D model.

### 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
Typical Component Weight	36 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	819 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

### Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

### Packaging Specifications

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

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