

C1206X151MGTACAUTO

SMD Auto X8G HVHT150C Flex, Ceramic, 150 pF, 20%, 2,000 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, Automotive Grade, 1206 / 3216



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

General Information

Series	SMD Auto X8G HVHT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, Automotive Grade
Features	High Temperature, Ultra-Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
Typical Component Weight	42 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	150 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	20%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

Dimensions

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.6mm +/-0.25mm
S	1.5mm MIN
B	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

Packaging Specifications

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

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