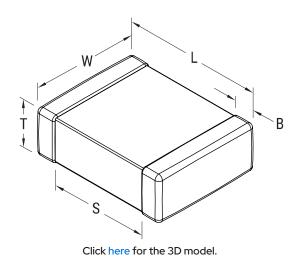


C1206C301JFTACAUTO

SMD Auto X8G HVHT15OC, Ceramic, 300 pF, 5%, 1,500 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, Automotive Grade, 1206, 1.5 mm



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
Typical Component Weight	36 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1.6mm +/-0.15mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

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

Specifications	
Capacitance	300 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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