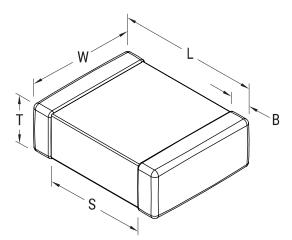


## C0402C202J8TACAUTO

SMD Auto X8G HT150C, Ceramic, 2,000 pF, 5%, 10 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0402, 0.3 mm



Click here for the 3D model.

General Information	
Series	SMD Auto X8G HT150C
Style	SMD Chip
Description	SMD, MLCC, 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	1.06 mg
Shelf Life	78 Weeks
MSL	1

Chip Size 0402   L 1mm +/-0.05mm   W 0.5mm +/-0.05mm	Dimensions	
	Chip Size	0402
W 0.5mm +/-0.05mm	L	1mm +/-0.05mm
	W	0.5mm +/-0.05mm
T 0.5mm +/-0.05mm	т	0.5mm +/-0.05mm
S 0.3mm MIN	S	0.3mm MIN
B 0.3mm +/-0.1mm	В	0.3mm +/-0.1mm

## **Packaging Specifications**

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

Specifications	
Capacitance	2,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 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% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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