

C1206C309DATACAUTO

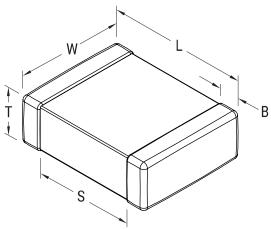
General Information

Series

SMD Auto X8G HT150C, Ceramic, 3 pF, +/-0.5 pF, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 1206, 1.5 mm

SMD Auto X8G HT150C





Click here for the 3D model.

	Style	SMD Chip
	Description	SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
3	Features	High Temperature, Ultra-Stable, Automotive Grade
	RoHS	Yes
	Termination	Tin
	Marking	No
	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Typical Component Weight	15 mg
	Shelf Life	78 Weeks
	MSL	1

Dimensions			
Chip Size	1206		
L	3.2mm +/-0.2mm		
W	1.6mm +/-0.2mm		
Т	0.78mm +/-0.10mm		
S	1.5mm MIN		
В	0.5mm +/-0.25mm		

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

Specifications	
Capacitance	3 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.5 pF
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 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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