

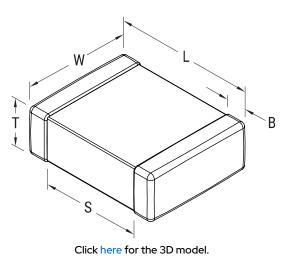
General Information

Series

SMD Auto X8G HT150C Flex, Ceramic, 1,800 pF, 1%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 1206, 1.5 mm

SMD Auto X8G HT150C Flex





	Style	SMD Chip
	Description	SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
	Features	High Temperature, Ultra-Stable, Automotive Grade
	RoHS	Yes
	Termination	Flexible Termination
	Marking	No
	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Typical Component Weight	25 mg
	Shelf Life	78 Weeks
	MSL	1

Dimensions			
Chip Size	1206		
L	3.3mm +/-0.4mm		
W	1.6mm +/-0.35mm		
Т	1mm +/-0.20mm		
S	1.5mm MIN		
В	0.6mm +/-0.25mm		

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

Specifications	
Capacitance	1,800 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 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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