

C1210X689D2TACAUTO7210

SMD Auto X8G HT150C Flex, Ceramic, 6.8 pF, +/-0.5 pF, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 1210, 1.5



General Information		
Series	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	30 mg	
Shelf Life	78 Weeks	
MSL	1	

Dimensions	
Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
Т	0.78mm +/-0.20mm
S	1.5mm MIN
В	0.6mm +/-0.25mm

10000

Packaging Quantity

W 2.6mm +/-0.3mm Tolerance +/-0.5 pF T 0.78mm +/-0.20mm Voltage DC 200 VDC S 1.5mm MIN Dielectric Withstanding Voltage 500 VDC B 0.6mm +/-0.25mm Temperature Range -55/+150°C Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC	Cnip Size	1210	Capacitance	6.8 pF
T 0.78mm +/-0.20mm Voltage DC 200 VDC S 1.5mm MIN Dielectric Withstanding Voltage 500 VDC B 0.6mm +/-0.25mm Temperature Range -55/+150°C Temp. Coefficient X8G Packaging Specifications Capacitance Change with Reference to +25°C and 0 VDC	L	3.3mm +/-0.4mm	Measurement Condition	1 MHz 1.0Vrms
S 1.5mm MIN Dielectric Withstanding Voltage 500 VDC B 0.6mm +/-0.25mm Temperature Range -55/+150°C Temp. Coefficient X8G Packaging Specifications Capacitance Change with Reference to +25°C and 0 VDC	W	2.6mm +/-0.3mm	Tolerance	+/-0.5 pF
B 0.6mm +/-0.25mm Temperature Range -55/+150°C Temp. Coefficient X8G Packaging Specifications Capacitance Change with Reference to +25°C and 0 VDC Reference to +25°C and 0 VDC	Т	0.78mm +/-0.20mm	Voltage DC	200 VDC
Temp. Coefficient X8G Packaging Specifications Capacitance Change with Reference to +25°C and 0 VDC Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC	S	1.5mm MIN	Dielectric Withstanding Voltage	500 VDC
Packaging Specifications Capacitance Change with Reference to +25°C and 0 VDC Reference to +25°C and 0 VDC	В	0.6mm +/-0.25mm	Temperature Range	-55/+150°C
Packaging T&R. 330mm. Plastic Tape Reference to +25°C and 0 VDC			Temp. Coefficient	X8G
Packaging T&R, 330mm, Plastic Tape Reference to +25°C and 0 VDC	Packaging Specifications		Capacitance Change with	30 ppm/C, 1Mega
Applied (TCC)	Packaging	T&R, 330mm, Plastic Tape		

Specifications	
Capacitance	6.8 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.5 pF
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, 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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