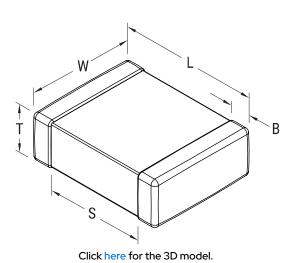


YAGEO & KEMET

SMD Auto X8G HT150C, Ceramic, 3,000 pF, 5%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 1210, 1.5 mm



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	40 mg	
Shelf Life	78 Weeks	
MSL	1	

3,000 pF

100 GOhms

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	1.1mm +/-0.10mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications	
В	0.5mm +/-0.25mm
S	1.5mm MIN
Т	1.1mm +/-0.10mm
W	2.5mm +/-0.2mm

L	3.2mm +/-0.2mm	Measurement Condition	1 kHz 1.0Vrms
W	2.5mm +/-0.2mm	Tolerance	5%
Т	1.1mm +/-0.10mm	Voltage DC	200 VDC
S	1.5mm MIN	Dielectric Withstanding Voltage	500 VDC
В	0.5mm +/-0.25mm	Temperature Range	-55/+150°C
		Temp. Coefficient	X8G
Packaging Specifications		Capacitance Change with	30 ppm/C, 1kHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	,, ,
Packaging Quantity 2500	Dissipation Factor	0.1% 1 kHz 1.0Vrms	
		Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours

**Specifications** 

Insulation Resistance

Capacitance

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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