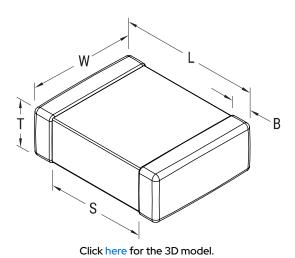




SMD Auto X8G HT150C Flex, Ceramic, 0.018 uF, 10%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 1812, 2.3 mm



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	67 mg	
Shelf Life	78 Weeks	
MSL	1	

Dimensions	
Chip Size	1812
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	1mm +/-0.10mm
S	2.3mm MIN
В	0.7mm +/-0.35mm

W	3.2mm +/-0.3mm
Т	1mm +/-0.10mm
S	2.3mm MIN
В	0.7mm +/-0.35mm
Packaging Specifications	

Specifications		
Capacitance	0.018 uF	
Measurement Condition	1 kHz 1.0Vrms	
Tolerance	10%	
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	55.5556 GOhms	

		Capacitance Change with	30 ppiny C, ikmz i.o vinis
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	., , ,
Packaging Quantity 1000	1000	Dissipation Factor	0.1% 1 kHz 1.0Vrms
	Aging Rate	0% Loss/Decade Hour: Re Time is 1000 Hours	
	Insulation Resistance	55 5556 GOhms	

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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