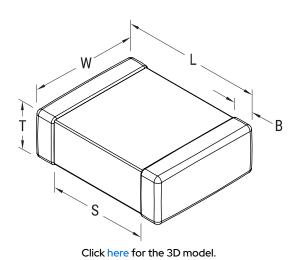




SMD Auto X8G HT150C Flex, Ceramic, 0.039 uF, 1%, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 2220, 3.5 mm



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	130 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	2220
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
Т	1mm +/-0.15mm
S	3.5mm MIN
В	0.7mm +/-0.35mm

Packaging Specifications	
В	0.7mm +/-0.35mm
S	3.5mm MIN
Т	1mm +/-0.15mm
**	3mm · / 0.4mm

1000

T&R, 180mm, Plastic Tape

Packaging

Packaging Quantity

Specifications	
Capacitance	0.039 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	25.641 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitut	te - 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	nave the
requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provide	ed by us
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