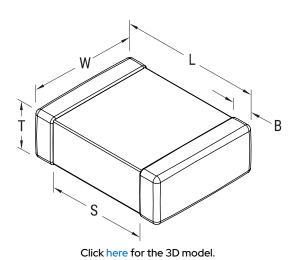




SMD Auto X8G HT150C Flex, Ceramic, 0.1 uF, 1%, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 2220, 3.5 mm





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	General Information	
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	Series	SMD Auto X8G HT150C Flex
Features High Temperature, Ultra-Stable, Automotive Grade RoHS Yes Termination Flexible Termination Marking No Qualifications AEC-Q200	Style	SMD Chip
RoHS Yes Termination Flexible Termination Marking No Qualifications AEC-Q200	Description	
Termination Flexible Termination Marking No Qualifications AEC-Q200	Features	
Marking No Qualifications AEC-Q200	RoHS	Yes
Qualifications AEC-Q200	Termination	Flexible Termination
1.20 0.20	Marking	No
AEC-Q200 Yes	Qualifications	AEC-Q200
	AEC-Q200	Yes
Typical Component Weight 130 mg	Typical Component Weight	130 mg
Shelf Life 78 Weeks	Shelf Life	78 Weeks
MSL 1	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	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications	
Capacitance	0.1 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	10 GOhms

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