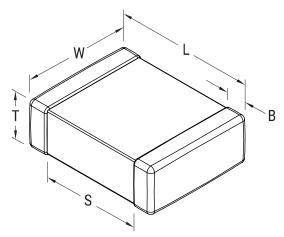


## C0805X109C1HACAUTO

SMD Auto X8R HT150C Flex, Ceramic, 1 pF, +/-0.25 pF, 100 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade, 0805, 0.6 mm



Click here for the 3D model.

General Information	
Series	SMD Auto X8R HT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade
Features	High Temperature, Ultra-Stable, FT-CAP, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
т	0.78mm +/-0.20mm
S	0.6mm MIN
В	0.5mm +/-0.25mm

## Packaging Specifications

PackagingT&R, 180mm, Plastic TapePackaging Quantity4000

Specifications	
Capacitance	1pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.25 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1MegaHz 1.0Vrms
Dissipation Factor	2.5%1MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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