

## C0805X109D1HACAUTO

SMD Auto X8R HT150C Flex, Ceramic, 1 pF, +/-0.5 pF, 100 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade, 0805



Click here for the 3D model.

Dimensions	,
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	0.78mm +/-0.20mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

SMD Auto X8R HT150C Flex
SMD Chip
SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade
High Temperature, Ultra-Stable, FT-CAP, Automotive Grade
Yes
Flexible Termination
No
AEC-Q200
Yes
13 mg
78 Weeks
1

Specifications	
Capacitance	1pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	+/-0.5 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1MegaHz 1.0Vrms
Dissipation Factor	2.5% 1 MHz 1.0 Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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