

C0603X181J1HACAUTO

SMD Auto X8R HT150C Flex, Ceramic, 180 pF, 5%, 100 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
S	0.58mm MIN
В	0.45mm +/-0.15mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper 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
7.3 mg
78 Weeks
1

Specifications	
Capacitance	180 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
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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