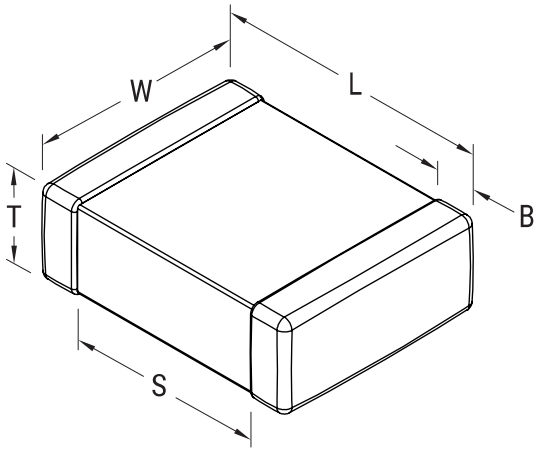
C1812X511K1HACAUTO

SMD Auto X8R HT150C Flex, Ceramic, 510 pF, 10%, 100 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade, 1812 / 4532



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
Typical Component Weight	95 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1mm +/-0.10mm
S	2.3mm MIN
B	0.7mm +/-0.35mm
Case Code (EIA / mm)	1812 / 4532

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications	
Capacitance	510 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
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% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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