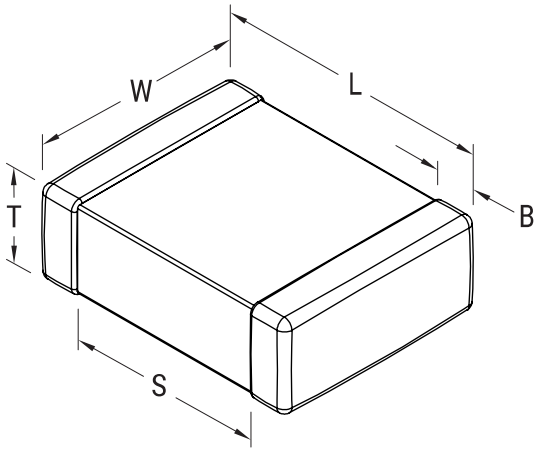
C0603X519B5TACAUTO

SMD Auto X8G HT150C Flex, Ceramic, 5.1 pF, +/-0.1 pF, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0603 / 1608



Click here for the 3D model.

General Information	
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
Typical Component Weight	7.3 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.4mm MIN
B	0.45mm +/-0.15mm
Case Code (EIA / mm)	0603 / 1608

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

Specifications	
Capacitance	5.1 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.1 pF
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, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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