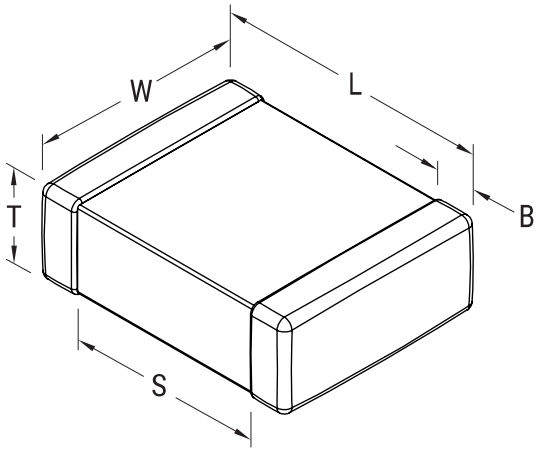
C0603C102GATACAUTO

SMD Auto X8G HT150C, Ceramic, 1,000 pF, 2%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0603, 0.5 mm



Click here for the 3D model.

General Information	
Series	SMD Auto X8G HT150C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
Features	High Temperature, Ultra-Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	3.7 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.5mm MIN
B	0.35mm +/-0.15mm

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

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	2%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 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