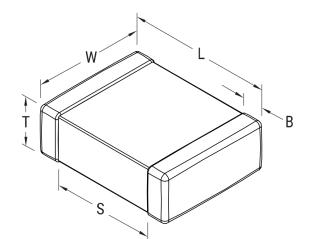


C0603C104K3NACAUTO

SMD Auto X8L HT150C, Ceramic, 0.1 uF, 10%, 25 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, Automotive Grade, 0603



Click here for the 3D model.

0603
1.6mm +/-0.15mm
0.8mm +/-0.15mm
0.8mm +/-0.07mm
0.5mm MIN
0.35mm +/-0.15mm

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

General Information	
Series	SMD Auto X8L HT150C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Temperature Stable, Automotive Grade
Features	High Temperature, Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	false
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8L
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	5 GOhms

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