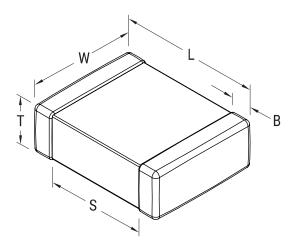


C0805C512F2TACAUTO

SMD Auto X8G HT150C, Ceramic, 5,100 pF, 1%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0805, 0.7 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	13 mg
Shelf Life	78 Weeks
MSL	1

0805
2mm +/-0.2mm
1.25mm +/-0.2mm
0.9mm +/-0.10mm
0.7mm MIN
0.5mm +/-0.25mm

Packaging Specifications

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

Specifications	
Capacitance	5,100 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1%1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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