

C0805C680G2TACAUTO

General Information

Series

Style

Description

Features

RoHS

MSL

SMD Auto X8G HT150C, Ceramic, 68 pF, 2%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0805, 0.7 mm

SMD Auto X8G HT150C

Automotive Grade

SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade

High Temperature, Ultra-Stable,

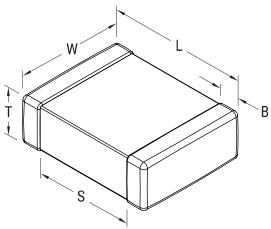
SMD Chip

Yes Tin No

Yes 11 mg 78 Weeks

AEC-Q200





Click here for the 3D model.	Termination
	Marking
	Qualifications
	AEC-Q200
	Typical Component Weight
	Shelf Life

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	0.7mm MIN
В	0.5mm +/-0.25mm

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

Specifications	
Capacitance	68 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	2%
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, 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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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