

## C0603C279C1HACAUTO

**General Information** 

Series

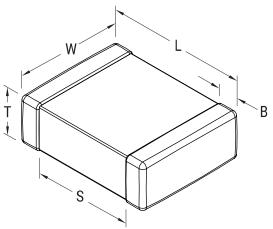
Style

SMD Auto X8R HT150C, Ceramic, 2.7 pF, +/-0.25 pF, 100 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0603, 0.5 mm

SMD Auto X8R HT150C

SMD Chip





Click here for the 3D model.

	Description	SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
В	Features	High Temperature, Ultra-Stable, Automotive Grade
	RoHS	Yes
	Termination	Tin
	Marking	No
	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Typical Component Weight	4.8 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	
В	0.35mm +/-0.15mm	

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

Specifications	
Capacitance	2.7 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.25 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1MegaHz 1.0Vrms
Dissipation Factor	2.5% 1 MHz 1.0 Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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