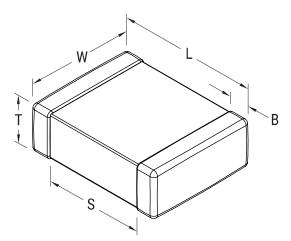


C0402C829C5HACAUTO

SMD Auto X8R HT150C, Ceramic, 8.2 pF, +/-0.25 pF, 50 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0402, 0.3 mm



Click here for the 3D model.

General Information	
Series	SMD Auto X8R 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	1.21 mg
Shelf Life	78 Weeks
MSL	1

Chip Size 0402 L 1mm +/-0.05mm W 0.5mm +/-0.05mm	Dimensions	
	Chip Size	0402
W 0.5mm +/-0.05mm	L	1mm +/-0.05mm
	W	0.5mm +/-0.05mm
T 0.5mm +/-0.05mm	т	0.5mm +/-0.05mm
S 0.3mm MIN	S	0.3mm MIN
B 0.3mm +/-0.1mm	В	0.3mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

Specifications	
Capacitance	8.2 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.25 pF
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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