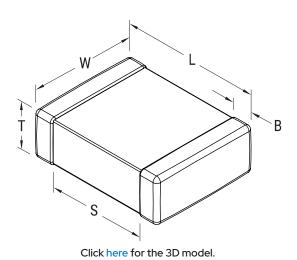


## CO402C151J5HACAUTO

SMD Auto X8R HT150C, Ceramic, 150 pF, 5%, 50 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0402, 0.3 mm



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

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

Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm
Packaging Specifications	

10000

T&R, 180mm, Paper Tape

Packaging

Packaging Quantity

Specifications	
Capacitance	150 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
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 1.0 Vrms
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 kn	nowledge of typical operating conditions for such applications, but are not intended to constitute - and
we specifically disclaim - any warranty concerning suitability for a sp	ecific customer application or use. This Information is intended for use only by customers who have the
requisite experience and capability to determine the correct produc	ts for their application. Any technical advice inferred from this Information or otherwise provided by us
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