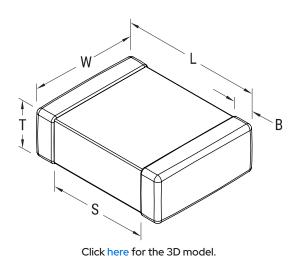


C0402C120F5HACAUTO

SMD Auto X8R HT150C, Ceramic, 12 pF, 1%, 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

3	O.SITIITIVIIN
В	0.3mm +/-0.1mm
Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape

10000

Packaging Quantity

Specifications	
Capacitance	12 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	1%
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

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 د
requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by	y us
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