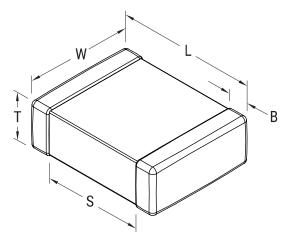


## C0805X224K5NACAUTO

SMD Auto X8L HT150C, Ceramic, 0.22 uF, 10%, 50 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, Automotive Grade, 0805, 0.7 mm



Click here for the 3D model.

General Information	
Series	SMD Auto X8L HT150C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Temperature Stable, Automotive Grade
Features	High Temperature, Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

0805
2mm +/-0.3mm
1.25mm +/-0.3mm
1.25mm +/-0.15mm
0.7mm MIN
0.5mm +/-0.25mm

## Packaging Specifications Packaging T&R, 180mm, Plastic Tape Packaging Quantity 2500

Specifications	
Capacitance	0.22 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8L
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor	2.5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	2.2727 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.