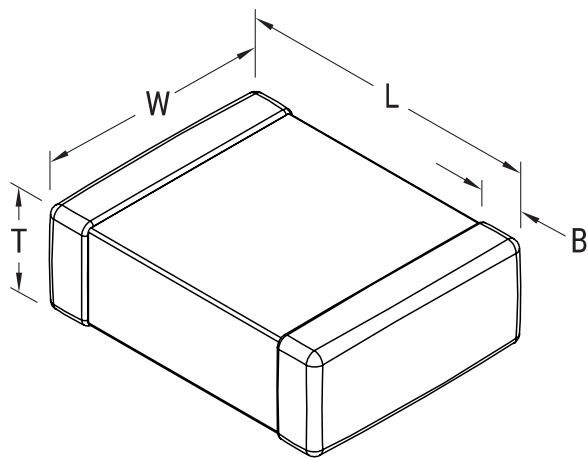




Click [here](#) for the 3D model.

General Information

Series	AC
Style	SMD Chip
Description	SMD, MLCC, Automotive
Features	Temperature Stable, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
MSL	1

Dimensions

L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
B	0.25mm +/-0.1mm
Case Code (EIA / mm)	0402 / 1005

Packaging Specifications

Packaging	T&R, 330mm, Paper Tape
Packaging Quantity	50000

Specifications

Capacitance	6.8 pF
Tolerance	+/-0.25 pF
Voltage DC	50 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Dissipation Factor	0.19%
Insulation Resistance	100 GOhms
Endurance (% Rated voltage)	200%

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.