



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

### Dimensions

D	2.54mm MAX
L	5.08mm MAX
F	0.51mm +0.025/-0.076mm
B	52.4mm +/-1.5mm

### Packaging Specifications

Packaging	T&R, 305mm
Packaging Quantity	5000

### General Information

Series	AxiMax 400 Auto X7R
Description	AxiMax, Automotive Grade
Features	Automotive Grade
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes

### Specifications

Capacitance	1uF
Measurement Condition	1kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	0.15, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	500 MOhms