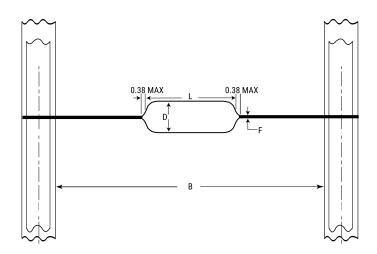


## C420C105K5R5TA91707200

AxiMax 400 Auto X7R, Ceramic, 1 uF, 10%, 50 VDC, X7R, AxiMax, Automotive Grade



Click here for the 3D model.

Dimensions	,
D	2.54mm MAX
L	5.08mm MAX
F	0.51mm +0.025/-0.076mm
В	52.4mm +/-1.5mm

Packaging Specifications			
Packaging	T&R, 305mm		
Packaging Quantity	5000		

General Information		
Series	AxiMax 400 Auto X7R	
Style	Axial	
Description	AxiMax, Automotive Grade	
Features	Automotive Grade	
RoHS	Yes	
Termination	Tin	
Lead	Wire Leads	
Failure Rate	N/A	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Halogen Free	true	

Specifications	
Capacitance	1uF
Measurement Condition	1 kHz 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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	500 MOhms

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