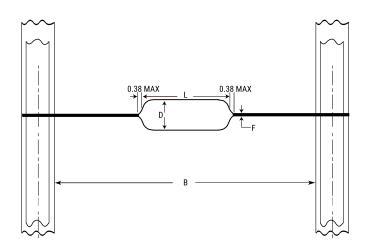


C420C105K5R5TA91707200

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





| General Information | |
|---------------------|--------------------------|
| Series | AxiMax 400 Auto X7R |
| 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 | Yes |

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 |

| Specifications | |
|--|--|
| Capacitance | 1uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5%1kHz1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 500 MOhms |

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.

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