

C440C105K5R5TA

AxiMax 400 Comm X7R, Ceramic, 1 uF, 10%, 50 VDC, X7R, AxiMax, Commercial Standard



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

Dimensions

| | |
|----|------------------------|
| D | 3.81mm MAX |
| L | 6.6mm MAX |
| LL | 25.4mm MIN |
| F | 0.51mm +0.025/-0.076mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 200 |

General Information

| | |
|--------------|-----------------------------|
| Series | AxiMax 400 Comm X7R |
| Description | AxiMax, Commercial Standard |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Halogen Free | Yes |

Specifications

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