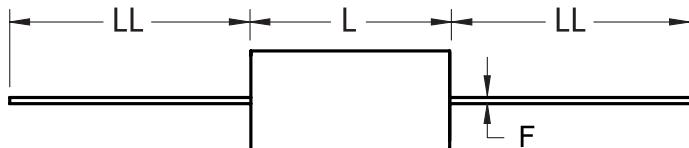
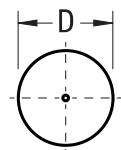


**FRONT VIEW**

**SIDE VIEW**

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

|                          |  |
|--------------------------|--|
| Series                   | A50  |
| Dielectric               | Metallized Polyester   |
| Style                    | Axial  |
| Features                 | Automotive Grade   |
| RoHS                     | Yes  |
| Lead                     | Wire Leads   |
| Qualifications           | AEC-Q200   |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 1g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 100000. |

**Dimensions**

|    |                 |
|----|-----------------|
| D  | 7.5mm MAX       |
| L  | 14mm MAX        |
| LL | 40mm +/-5mm     |
| F  | 0.8mm +/-0.05mm |

**Specifications**

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 4,700 pF                           |
| Tolerance             | 10%                                |
| Voltage DC            | 1000 VDC, 750 VDC (105C)           |
| Voltage AC            | 250 VAC                            |
| Temperature Range     | -55/+105°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 30 GOhms                           |
| Max dV/dt             | 50 V/us                            |
| Inductance            | 7 nH                               |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1500      |

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