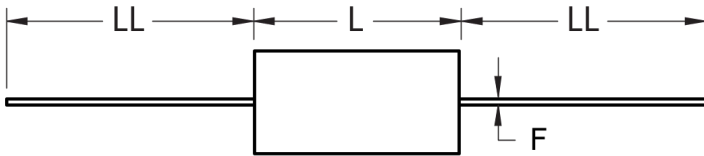


## A50EK4100AA60K

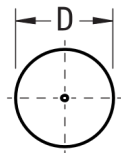
Aliases (50EK4100AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 1 uF, 10%, 63 VAC, 100 VDC, 85°C

### FRONT VIEW



### SIDE VIEW



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

#### Dimensions

|    |                 |
|----|-----------------|
| D  | 7mm MAX         |
| L  | 20.5mm MAX      |
| LL | 40mm +/-5mm     |
| F  | 0.8mm +/-0.05mm |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1250      |

#### General Information

|                  |   |
|------------------|---|
| Series           | A50   |
| Dielectric       | Metallized Polyester  |
| Style            | Axial   |
| Features         | Automotive Grade  |
| RoHS             | Yes   |
| Lead             | Wire Leads  |
| Qualifications   | AEC-Q200  |
| AEC-Q200         | Yes   |
| Component Weight | 1.3 g   |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 600. |

#### Specifications

|                       |                        |
|-----------------------|------------------------|
| Capacitance           | 1 uF                   |
| Capacitance Tolerance | 10%                    |
| Voltage AC            | 63 VAC                 |
| Voltage DC            | 100 VDC, 75 VDC (105C) |
| Temperature Range     | -55/+105°C             |
| Rated Temperature     | 85°C                   |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz  |
| Insulation Resistance | 1 GOhms                |
| Max dV/dt             | 3 V/us                 |
| Inductance            | 7 nH                   |