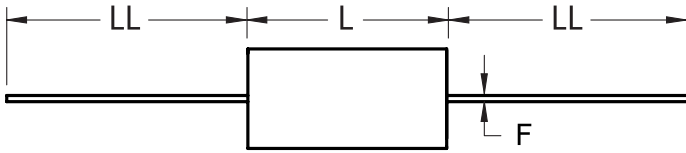


## A50PH2100AA60K

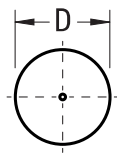
Aliases (50PH2100AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 0.01 uF, 10%, 630 VDC, 220 VAC, 85°C

### 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                                                        |
| Typical Component Weight | 0.8 g                                                           |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 25000. |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 5mm MAX         |
| L  | 14mm MAX        |
| LL | 40mm +/-5mm     |
| F  | 0.6mm +/-0.05mm |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 2000      |

### Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 0.01 uF                            |
| Tolerance             | 10%                                |
| Voltage DC            | 630 VDC, 472.5 VDC (105C)          |
| Voltage AC            | 220 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             | 20 V/us                            |
| Inductance            | 7 nH                               |

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