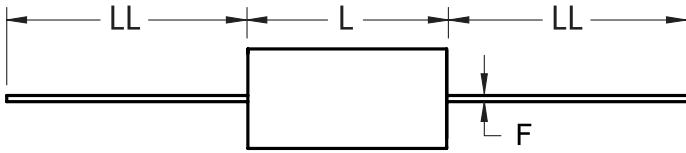


## A50IT4470AA60K

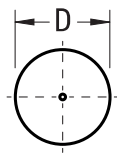
Aliases (50IT4470AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 10%, 250 VDC, 160 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                                                       |
| AEC-Q200                 | Yes                                                            |
| Typical Component Weight | 5.2 g                                                          |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 1300. |

### Specifications

|                       |                           |
|-----------------------|---------------------------|
| Capacitance           | 4.7 uF                    |
| Tolerance             | 10%                       |
| Voltage DC            | 250 VDC, 187.5 VDC (105C) |
| Voltage AC            | 160 VAC                   |
| Temperature Range     | -55/+105°C                |
| Rated Temperature     | 85°C                      |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz     |
| Insulation Resistance | 2.1277 GOhms              |
| Max dV/dt             | 2.5 V/us                  |
| Inductance            | 7 nH                      |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 15.5mm MAX      |
| L  | 33mm MAX        |
| LL | 40mm +/-5mm     |
| F  | 0.8mm +/-0.05mm |

### Packaging Specifications

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

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.