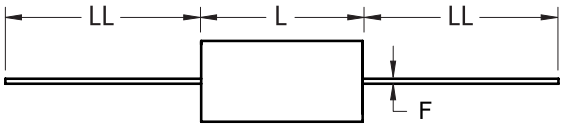
# KEMET Part Number: A50DQ4470AA60K

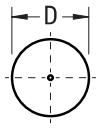
(50DQ4470AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 10%, 40 VAC, 63 VDC, 85°C

**FRONT VIEW**




**SIDE VIEW**




| General Information | |
|---|---|
| **Series:** | A50 |
| **Dielectric:** | Metallized Polyester |
| **Style:** | Axial |
| **Features:** | Automotive Grade |
| **RoHS:** | Yes |
| **Lead:** | Wire Leads |
| **Qualifications:** | AEC-Q200 |
| **AEC-Q200:** | Yes |
| **Miscellaneous:** | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 190 |

| Dimensions | |
|---|---|
| **D** | 9.5mm MAX |
| **L** | 28mm MAX |
| **LL** | 40mm +/-5mm |
| **F** | 0.8mm +/-0.05mm |

| Specifications | |
|---|---|
| **Capacitance:** | 4.7 uF |
| **Capacitance Tolerance:** | 10% |
| **Voltage AC:** | 40 VAC |
| **Voltage DC:** | 63 VDC, 47.25 VDC (105C) |
| **Temperature Range:** | -55/+105°C |
| **Rated Temperature:** | 85°C |
| **Dissipation Factor:** | 0.80% 1kHz, 1.20% 10kHz |
| **Insulation Resistance:** | 212.8 MOhms |
| **Max dV/dt:** | 1.5 V/us |
| **Inductance:** | 7 nH |

| Packaging Specifications | |
|---|---|
| **Packaging:** | Bulk, Bag |
| **Packaging Quantity:** | 500 |

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