

## A50DK4150AA60K

Aliases (50DK4150AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 10%, 63 VDC, 40 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 | 1.2 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 250. |

### Specifications

|                       |                          |
|-----------------------|--------------------------|
| Capacitance           | 1.5 uF                   |
| Tolerance             | 10%                      |
| Voltage DC            | 63 VDC, 47.25 VDC (105C) |
| Voltage AC            | 40 VAC                   |
| Temperature Range     | -55/+105°C               |
| Rated Temperature     | 85°C                     |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz    |
| Insulation Resistance | 666.7 MOhms              |
| Max dV/dt             | 2 V/us                   |
| Inductance            | 7 nH                     |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 6.5mm MAX       |
| L  | 20.5mm MAX      |
| LL | 40mm +/-5mm     |
| F  | 0.6mm +/-0.05mm |

### Packaging Specifications

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

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