

A50CK5100AA00K

Aliases (50CK5100AA00K)

A50, Film, Metallized Polyester, Automotive Grade, 10 uF, 10%, 50 VDC, 30 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 | 2.5 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 200. |

Dimensions

| | |
|----|-----------------|
| D | 12mm MAX |
| L | 20.5mm MAX |
| LL | 40mm +/-5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 500 |

Specifications

| | |
|-----------------------|-------------------------|
| Capacitance | 10 uF |
| Tolerance | 10% |
| Voltage DC | 50 VDC, 37.5 VDC (105C) |
| Voltage AC | 30 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 100 MOhms |
| Max dV/dt | 2 V/us |
| Inductance | 7 nH |

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