

## A50QQ2470AA00K

Aliases (50QQ2470AA00K)

A50, Film, Metallized Polyester, Automotive Grade, 0.047 uF, 10%, 250 VAC, 1000 VDC, 85°C

## FRONT VIEW

## **SIDE VIEW**



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 9mm MAX         |
| L          | 28mm MAX        |
| LL         | 40mm +/-5mm     |
| F          | 0.8mm +/-0.05mm |

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

| General Information |   |
|---------------------|---|
| General information |   |
| Series              | A50   |
| Dielectric          | Metallized Polyester  |
| Style               | Axial   |
| Features            | Automotive Grade  |
| RoHS                | Yes   |
| Lead                | Wire Leads  |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component<br>Weight | 2.5 g   |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 30000. |

| Specifications        |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 0.047 uF                           |
| Capacitance Tolerance | 10%                                |
| Voltage AC            | 250 VAC                            |
| Voltage DC            | 1000 VDC, 750 VDC (105C)           |
| 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             | 15 V/us                            |
| Inductance            | 7 nH                               |
|                       |                                    |

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