

## A50MQ3470AA60K

Aliases (50MQ3470AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 0.47 uF, 10%, 200 VAC, 400 VDC, 85°C

## FRONT VIEW

## **SIDE VIEW**



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 8.5mm MAX       |
| L          | 28mm MAX        |
| LL         | 40mm +/-5mm     |
| F          | 0.8mm +/-0.05mm |

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

| 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 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 5200. |

| Specifications        |                         |
|-----------------------|-------------------------|
| Capacitance           | 0.47 uF                 |
| Capacitance Tolerance | 10%                     |
| Voltage AC            | 200 VAC                 |
| Voltage DC            | 400 VDC, 300 VDC (105C) |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz   |
| Insulation Resistance | 21.2766 GOhms           |
| Max dV/dt             | 6.5 V/us                |
| Inductance            | 7 nH                    |

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