

## A50MF22202660K

## Aliases (50MF22202660K)

A50, Film, Metallized Polyester, Automotive Grade, 0.022 uF, 10%, 200 VAC, 400 VDC, 85°C

## 

## **SIDE VIEW**



Click here for the 3D model.

| D 5mm MAX<br>L 11mm MAX<br>LL 20mm MIN | Dimensions |                 |
|--|------------|-----------------|
| LL 20mm MIN                            | D          | 5mm MAX         |
|  | L          | 11mm MAX        |
| F 0.6mm +/-0.05mm                      | LL         | 20mm MIN        |
| 0.01111/-0.001111                      | F          | 0.6mm +/-0.05mm |

| Packaging Specifications |      |  |  |
|--------------------------|------|--|--|
| Packaging                | T&R  |  |  |
| Packaging Quantity       | 3000 |  |  |

| 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 | 0.4 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is<br>1.25%/C. maxK0 = 11000. |

| Specifications        |                                    |  |  |  |
|-----------------------|------------------------------------|--|--|--|
| Capacitance           | 0.022 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, 2.5% 100kHz |  |  |  |
| Insulation Resistance | 30 GOhms                           |  |  |  |
| Max dV/dt             | 13.5 V/us                          |  |  |  |
| Inductance            | 7 nH                               |  |  |  |

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