

## A50IH31002660J

Aliases (50IH31002660J)

A50, Film, Metallized Polyester, Automotive Grade, 0.1 uF, 5%, 160 VAC, 250 VDC, 85°C



Click [here](#) for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 5.5mm MAX       |
| L          | 14mm MAX        |
| LL         | 20mm MIN        |
| F          | 0.6mm +/-0.05mm |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 1300 |

| General Information |  |
|---------------------|--|
| Series              | A50  |
| Dielectric          | Metallized Polyester   |
| Style               | Axial  |
| Features            | Automotive Grade   |
| RoHS                | Yes  |
| Lead                | Wire Leads   |
| Qualifications      | AEC-Q200   |
| AEC-Q200            | Yes  |
| Component Weight    | 0.6 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 5000. |

| Specifications        |                           |
|-----------------------|---------------------------|
| Capacitance           | 0.1 uF                    |
| Capacitance Tolerance | 5%                        |
| Voltage AC            | 160 VAC                   |
| Voltage DC            | 250 VDC, 187.5 VDC (105C) |
| Temperature Range     | -55/+105°C                |
| Rated Temperature     | 85°C                      |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz     |
| Insulation Resistance | 30 GOhms                  |
| Max dV/dt             | 10 V/us                   |
| Inductance            | 7 nH                      |