

A50IH3220AA60J

Aliases (50IH3220AA60J)

A50, Film, Metallized Polyester, Automotive Grade, 0.22 uF, 5%, 160 VAC, 250 VDC, 85°C

FRONT VIEW



SIDE VIEW



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

Dimensions

| | |
|----|-----------------|
| D | 6.5mm MAX |
| L | 14mm MAX |
| LL | 40mm +/-5mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 2000 |

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 | 0.22 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 |