

A50PT3680AA60J

Aliases (50PT3680AA60J)

A50, Film, Metallized Polyester, Automotive Grade, 0.68 uF, 5%, 220 VAC, 630 VDC, 85°C

SIDE VIEW



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| D | 14.5mm MAX |
| L | 33mm MAX |
| LL | 40mm +/-5mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 300 |

| 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 | 7 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 7500. |

| Specifications | | |
|-----------------------|---------------------------|--|
| Capacitance | 0.68 uF | |
| Capacitance Tolerance | 5% | |
| Voltage AC | 220 VAC | |
| Voltage DC | 630 VDC, 472.5 VDC (105C) | |
| Temperature Range | -55/+105°C | |
| Rated Temperature | 85°C | |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz | |
| Insulation Resistance | 14.7059 GOhms | |
| Max dV/dt | 6 V/us | |
| Inductance | 7 nH | |

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