

A50IK3680AA60J

Aliases (50IK3680AA60J)

A50, Film, Metallized Polyester, Automotive Grade, 0.68 uF, 5%, 160 VAC, 250 VDC, 85°C

FRONT VIEW

SIDE VIEW



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| D | 8.5mm MAX |
| L | 20.5mm MAX |
| LL | 40mm +/-5mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 750 |

| General Information | | |
|---------------------|--|--|
| Series | A50 | |
| Dielectric | Metallized Polyester | |
| Style | Axial | |
| Features | Automotive Grade | |
| RoHS | Yes | |
| Lead | Wire Leads | |
| Qualifications | AEC-Q200 | |
| AEC-Q200 | Yes | |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 3500. | |

| Specifications | |
|-----------------------|---------------------------|
| Capacitance | 0.68 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 | 14.7059 GOhms |
| Max dV/dt | 7 V/us |
| Inductance | 7 nH |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.