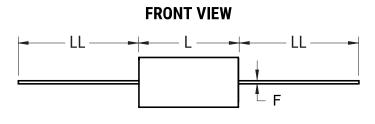


A50DT5100AA60K

Aliases (50DT5100AA60K) A50, Film, Metallized Polyester, Automotive Grade, 10 uF, 10%, 63 VDC, 40 VAC, 85° C



SIDE VIEW



Click here for the 3D model.

| D 11.5 | omm MAX |
|--------|---------------|
| | |
| L 33n | mm MAX |
| LL 40r | mm +/-5mm |
| F 0.8 | 3mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 400 |

| General Information | |
|--------------------------|---|
| Series | A50 |
| Dielectric | Metallized Polyester |
| Style | Axial |
| Features | Automotive Grade |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 3.5 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 130. |

| Specifications | |
|-----------------------|--------------------------|
| Capacitance | 10 uF |
| Tolerance | 10% |
| Voltage DC | 63 VDC, 47.25 VDC (105C) |
| Voltage AC | 40 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 100 MOhms |
| Max dV/dt | 1V/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.