



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

Dimensions

| | |
|----|-----------------|
| L | 42mm +/-1mm |
| H | 44mm +/-1mm |
| T | 24mm +/-1mm |
| S | 37.5mm +/-0.4mm |
| S1 | 10.2mm +/-0.4mm |
| LL | 6mm -2mm |
| F | 1.2mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Box |
| Packaging Quantity | 44 |

General Information

| | |
|------------------|--------------------------------------|
| Series | C4AU |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | DC Filtering |
| RoHS | Yes |
| Lead | 4 Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Component Weight | 64.1 g |
| Miscellaneous | Rth = 17 C/W. |

Specifications

| | |
|-----------------------|---|
| Capacitance | 40 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 500 VDC |
| Temperature Range | -55/+105°C |
| Insulation Resistance | 750 MOhms |
| Max dV/dt | 30 V/us |
| Resistance | 3.2 mOhms (10kHz 70C) |
| Ripple Current | 21.8 Amps Irms (10kHz 95C), 1200 Amps Ipk |
| Inductance | 12.6 nH |

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