



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

General Information

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|--------------------------|-------------------------------------------------------|
| Series | C44U-M |
| Dielectric | Metallized Polypropylene |
| Style | Can |
| Features | DC Filtering, Energy Storage |
| RoHS | With Exemptions |
| REACH | SVHC (Pb – CAS 7439-92-1) |
| Lead | Screw Terminals M6 |
| AEC-Q200 | No |
| Typical Component Weight | 2,000 g |
| Miscellaneous | Thermal Resistance = 4.6 C/W. Weight = 8500 grams. |

Specifications

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|-----------------------|--------------------------------------|
| Capacitance | 600 uF |
| Tolerance | 10% |
| Voltage DC | 1300 VDC |
| Temperature Range | -40/+85°C |
| Rated Temperature | 75°C |
| Insulation Resistance | 50 MOhms |
| Max dV/dt | 7 V/us |
| ESR | 1.2 mOhms (1kHz) |
| Ripple Current | 60 Amps (1kHz 40C), 4000 Amps (Peak) |
| Inductance | 40 nH |

Dimensions

| | |
|----|---------------|
| D | 136mm +2mm |
| L | 131mm +/-2mm |
| L1 | 134mm +/-2mm |
| S | 50mm +/-0.3mm |
| D1 | 139mm +0.5mm |

Packaging Specifications

| | |
|--------------------|---------------|
| Terminal Type | Bolt - M12x16 |
| Packaging | Bulk, Bag |
| Packaging Quantity | 4 |

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