



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

General Information

| | |
|--------------------------|---|
| Series | C44U-M |
| Dielectric | Metallized Polypropylene |
| Style | Can |
| Features | DC Filtering, Energy Storage |
| RoHS | With Exemptions |
| REACH | SVHC (Pb - CAS 7439-92-1) |
| SCIP Number | cc1c1ec4-db9e-4815-b26b-e8a34ddfb776 |
| Lead | Screw Terminals M6 |
| Typical Component Weight | 880 g |
| Miscellaneous | Thermal Resistance = 7.1 C/W. Weight = 4400 grams. |

Specifications

| | |
|-----------------------|---------------------------------------|
| Capacitance | 650 uF |
| Tolerance | 10% |
| Voltage DC | 600 VDC |
| Temperature Range | -40/+85°C |
| Rated Temperature | 75°C |
| Insulation Resistance | 50 MOhms |
| Max dV/dt | 5 V/us |
| ESR | 1.2 mOhms (10kHz) |
| Ripple Current | 59 Amps (10kHz 40C), 3540 Amps (Peak) |
| Inductance | 45 nH |

Dimensions

| | |
|----|---------------|
| D | 85mm +2mm |
| L | 99.5mm +/-2mm |
| L1 | 101mm +/-2mm |
| S | 32mm +/-0.3mm |
| D1 | 88mm +0.5mm |

Packaging Specifications

| | |
|--------------------|---------------|
| Terminal Type | Bolt - M12x16 |
| Packaging | Bulk, Bag |
| Packaging Quantity | 5 |

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