



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

General Information

| | |
|--------------------------|------------------------------|
| Series | C44U-T |
| Dielectric | Metallized Polypropylene |
| Style | Can |
| Features | DC Filtering, Energy Storage |
| RoHS | With Exemptions |
| Lead | Screw Terminals M6 |
| AEC-Q200 | No |
| Typical Component Weight | 1,120 g |
| Miscellaneous | Thermal Resistance = 5.1C/W. |

Specifications

| | |
|-----------------------|---------------------------------------|
| Capacitance | 270 uF |
| Tolerance | 10% |
| Voltage DC | 1300 VDC |
| Temperature Range | -40/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 3.3 GOhms |
| Max dV/dt | 9 V/us |
| ESR | 3.3 mOhms |
| Ripple Current | 42 Amps (10kHz 55C), 2365 Amps (Peak) |
| Inductance | 55 nH |

Dimensions

| | |
|----|----------------|
| D | 85mm +2mm |
| L | 144.5mm +/-2mm |
| L1 | 146mm +/-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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