



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

#### Dimensions

|    |                |
|----|----------------|
| D  | 85mm +2mm      |
| L  | 124.5mm +/-2mm |
| L1 | 126mm +/-2mm   |
| S  | 32mm +/-0.3mm  |
| D1 | 88mm +0.5mm    |

#### Packaging Specifications

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

#### 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 | 1120 g                       |
| Miscellaneous            | Thermal Resistance = 5.1C/W. |

#### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 600 uF                                |
| Capacitance Tolerance | 10%                                   |
| Voltage DC            | 900 VDC                               |
| Temperature Range     | -40/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Insulation Resistance | 2.4 GOhms                             |
| Max dV/dt             | 6 V/us                                |
| ESR                   | 2.4 mOhms                             |
| Ripple Current        | 49 Amps (10kHz 55C), 3505 Amps (Peak) |
| Inductance            | 55 nH                                 |