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**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 | 880 g                        |
| Miscellaneous            | Thermal Resistance = 71C/W.  |

**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             |

**Specifications**

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 120 uF                                |
| Capacitance Tolerance | 10%                                   |
| Voltage DC            | 1500 VDC                              |
| Temperature Range     | -40/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Insulation Resistance | 2.5 GOhms                             |
| Max dV/dt             | 17 V/us                               |
| ESR                   | 2.5 mOhms                             |
| Ripple Current        | 41 Amps (10kHz 55C), 2030 Amps (Peak) |
| Inductance            | 50 nH                                 |

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