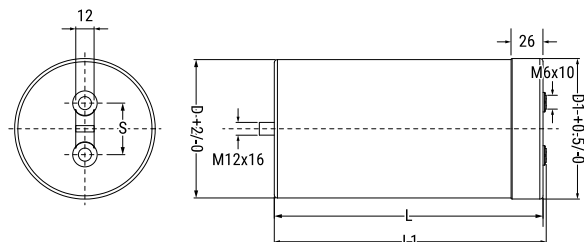


C44U\_M, Film, Metallized Polypropylene, DC Link, 270 uF, 10%, 1300 VDC



## General Information

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| <b>Series:</b>        | C44U_M                                                |
| <b>Dielectric:</b>    | Metallized Polypropylene                              |
| <b>Style:</b>         | Can                                                   |
| <b>Features:</b>      | DC Filtering, Energy Storage                          |
| <b>RoHS:</b>          | Yes                                                   |
| <b>Lead:</b>          | Screw Terminals M6                                    |
| <b>AEC-Q200:</b>      | No                                                    |
| <b>Miscellaneous:</b> | Thermal Resistance = 5.1 C/W.<br>Weight = 5600 grams. |

## Dimensions

|           |                |
|-----------|----------------|
| <b>D</b>  | 85mm +2mm      |
| <b>L</b>  | 144.5mm +/-2mm |
| <b>L1</b> | 146mm +/-2mm   |
| <b>S</b>  | 32mm +/-0.3mm  |

## Packaging Specifications

|                            |               |
|----------------------------|---------------|
| <b>Mounting:</b>           | Bolt - M12x16 |
| <b>Packaging:</b>          | Bulk, Bag     |
| <b>Packaging Quantity:</b> | 5             |

## Specifications

|                               |                                          |
|-------------------------------|------------------------------------------|
| <b>Capacitance:</b>           | 270 uF                                   |
| <b>Capacitance Tolerance:</b> | 10%                                      |
| <b>Voltage DC:</b>            | 1300 VDC                                 |
| <b>Temperature Range:</b>     | -40/+85°C                                |
| <b>Rated Temperature:</b>     | 75°C                                     |
| <b>Insulation Resistance:</b> | 0.11 MOhms                               |
| <b>Max dV/dt:</b>             | 9 V/us                                   |
| <b>Resistance:</b>            | 3.3 mOhms (10kHz)                        |
| <b>Ripple Current:</b>        | 42 Amps (10kHz 40C), 2365<br>Amps (Peak) |
| <b>Inductance:</b>            | 55 nH                                    |