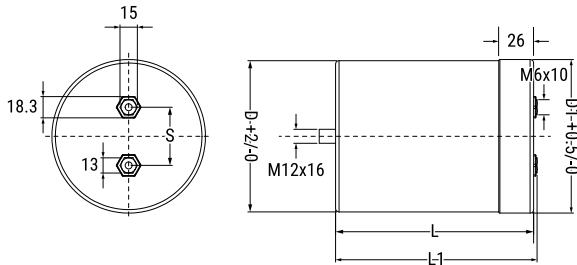


C44U\_M, Film, Metallized Polypropylene, DC Link, 550 uF, 10%, 1500 VDC



### 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 = 2.1 C/W.<br>Weight = 11700 grams. |

### Dimensions

|           |               |
|-----------|---------------|
| <b>D</b>  | 116mm +2mm    |
| <b>L</b>  | 233mm +/-2mm  |
| <b>L1</b> | 236mm +/-2mm  |
| <b>S</b>  | 50mm +/-0.3mm |

### Packaging Specifications

|                            |               |
|----------------------------|---------------|
| <b>Mounting:</b>           | Bolt - M12x16 |
| <b>Packaging:</b>          | Bulk, Bag     |
| <b>Packaging Quantity:</b> | 4             |

### Specifications

|                               |                                       |
|-------------------------------|---------------------------------------|
| <b>Capacitance:</b>           | 550 uF                                |
| <b>Capacitance Tolerance:</b> | 10%                                   |
| <b>Voltage DC:</b>            | 1500 VDC                              |
| <b>Temperature Range:</b>     | -40/+85°C                             |
| <b>Rated Temperature:</b>     | 75°C                                  |
| <b>Insulation Resistance:</b> | 0.05 MOhms                            |
| <b>Max dV/dt:</b>             | 12 V/us                               |
| <b>Resistance:</b>            | 1.7 mOhms (10kHz)                     |
| <b>Ripple Current:</b>        | 91 Amps (10kHz 40C), 6825 Amps (Peak) |
| <b>Inductance:</b>            | 75 nH                                 |