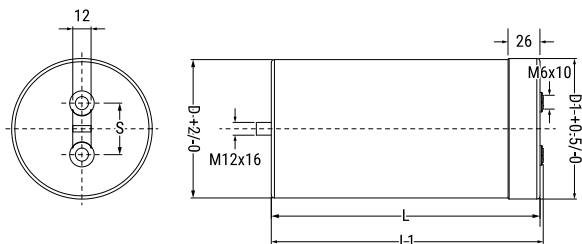


C44U-M, Film, Metallized Polypropylene, DC Link, 120 uF, 10%, 1500 VDC



| General Information |   |
|---------------------|---|
| Series:             | C44U-M  |
| Dielectric:         | Metallized Polypropylene                              |
| Style:              | Can   |
| Features:           | DC Filtering, Energy Storage                          |
| RoHS:               | Yes   |
| Lead:               | Screw Terminals M6                                    |
| AEC-Q200:           | No  |
| Miscellaneous:      | Thermal Resistance = 7.1 C/W.<br>Weight = 4400 grams. |

| Dimensions |               |
|------------|---------------|
| D          | 85mm +2mm     |
| L          | 99.5mm +/-2mm |
| L1         | 101mm +/-2mm  |
| S          | 32mm +/-0.3mm |
| D1         | 88mm +0.5mm   |

| Packaging Specifications |               |
|--------------------------|---------------|
| Mounting:                | Bolt - M12x16 |
| Packaging:               | Bulk, Bag     |
| Packaging Quantity:      | 5             |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 120 uF                                |
| Capacitance Tolerance: | 10%                                   |
| Voltage DC:            | 1500 VDC                              |
| Temperature Range:     | -40/+85°C                             |
| Rated Temperature:     | 75°C                                  |
| Insulation Resistance: | 250 MOhms                             |
| Max dV/dt:             | 17 V/us                               |
| Resistance:            | 2.5 mOhms (10kHz)                     |
| Ripple Current:        | 41 Amps (10kHz 40C), 2030 Amps (Peak) |
| Inductance:            | 45 nH                                 |

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