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#### General Information

|                          |  |
|--------------------------|--|
| Series                   | C44U-M   |
| Dielectric               | Metallized Polypropylene                               |
| Style                    | Can  |
| Features                 | DC Filtering, Energy Storage                           |
| RoHS                     | With Exemptions  |
| REACH                    | SVHC (Pb – CAS 7439-92-1)                              |
| Lead                     | Screw Terminals M6                                     |
| AEC-Q200                 | No   |
| Typical Component Weight | 3,600 g  |
| Miscellaneous            | Thermal Resistance = 2.7 C/W.<br>Weight = 15000 grams. |

#### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 700 uF                                  |
| Tolerance             | 10%                                     |
| Voltage DC            | 1800 VDC                                |
| Temperature Range     | -40/+85°C                               |
| Rated Temperature     | 75°C                                    |
| Insulation Resistance | 40 MOhms                                |
| Max dV/dt             | 10 V/us                                 |
| ESR                   | 1.25 mOhms (1kHz)                       |
| Ripple Current        | 90 Amps (1kHz 40C), 6800<br>Amps (Peak) |
| Inductance            | 80 nH                                   |

#### Dimensions

|    |               |
|----|---------------|
| D  | 136mm +2mm    |
| L  | 232mm +/-2mm  |
| L1 | 235mm +/-2mm  |
| S  | 50mm +/-0.3mm |
| D1 | 139mm +0.5mm  |

#### Packaging Specifications

|                    |               |
|--------------------|---------------|
| Terminal Type      | Bolt - M12x16 |
| Packaging          | Bulk, Bag     |
| Packaging Quantity | 4             |

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