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**General Information**

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C44A                                 |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Can                                  |
| RoHS                     | With Exemptions                      |
| REACH                    | SVHC (Pb - CAS 7439-92-1)            |
| SCIP Number              | cc1c1ec4-db9e-4815-b26b-e8a34ddfb776 |
| Lead                     | Threaded Studs M6                    |
| AEC-Q200                 | No                                   |
| Typical Component Weight | 148.3 g                              |
| Miscellaneous            | Thermal Resistance = 17.7 C/W.       |

**Dimensions**

|   |                 |
|---|-----------------|
| D | 45mm +/-0.5mm   |
| L | 80mm +/-2mm     |
| S | 22.3mm +/-0.5mm |

**Packaging Specifications**

|                    |              |
|--------------------|--------------|
| Terminal Type      | Bolt - M8x10 |
| Packaging          | Bulk, Bag    |
| Packaging Quantity | 60           |

**Specifications**

|                   |                          |
|-------------------|--------------------------|
| Capacitance       | 1 uF                     |
| Tolerance         | 5%                       |
| Voltage DC        | 1200 VDC                 |
| Voltage AC        | 500 VAC                  |
| Temperature Range | -40/+85°C                |
| Rated Temperature | 70°C                     |
| Max dV/dt         | 300 V/us                 |
| ESR               | 2.5 mOhms (TYP)          |
| Ripple Current    | 15 Amps, 300 Amps (Peak) |

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