



Click [here](#) for the 3D model.

### Dimensions

|   |                 |
|---|-----------------|
| D | 55mm +/-0.5mm   |
| L | 138mm +/-2mm    |
| S | 22.3mm +/-0.5mm |

### Packaging Specifications

|                    |                 |
|--------------------|-----------------|
| Terminal Type      | Through-Hole    |
| Terminal Type      | Bolt - M12x12.5 |
| Packaging          | Bulk, Bag       |
| Packaging Quantity | 20              |

### 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-e8a34ddf776 |
| Lead                     | Threaded Studs M6                   |
| AEC-Q200                 | No                                  |
| Typical Component Weight | 400 g                               |
| Miscellaneous            | Thermal Resistance = 4.5 C/W.       |

### Specifications

|                       |                           |
|-----------------------|---------------------------|
| Capacitance           | 8 uF                      |
| Capacitance Tolerance | 5%                        |
| Voltage DC            | 1200 VDC                  |
| Voltage AC            | 500 VAC                   |
| Temperature Range     | -40/+85°C                 |
| Rated Temperature     | 70°C                      |
| Max dV/dt             | 250 V/us                  |
| ESR                   | 3.5 mOhms (TYP)           |
| Ripple Current        | 25 Amps, 2000 Amps (Peak) |

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