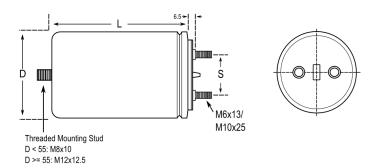


a YAGEO company

## C44AMFP5100ZD0J

C44A, Film, Metallized Polypropylene, Power, 10 uF, 5%, 450 VAC, 850 VDC



| 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-<br>e8a34ddfb776 |
| Lead                        | Threaded Studs M6                        |
| AEC-Q200                    | No                                       |
| Typical Component<br>Weight | 256 g                                    |
| Miscellaneous               | Thermal Resistance = 3.2 C/W.            |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 50mm +/-0.5mm   |
| L          | 97mm +/-2mm     |
| S          | 22.3mm +/-0.5mm |

| Packaging Specifications |              |
|--------------------------|--------------|
| Mounting                 | Bolt - M8x10 |
| Packaging                | Bulk, Bag    |
| Packaging Quantity       | 25           |

| Specifications        |                          |
|-----------------------|--------------------------|
| Capacitance           | 10 uF                    |
| Capacitance Tolerance | 5%                       |
| Voltage AC            | 450 VAC                  |
| Voltage DC            | 850 VDC                  |
| Temperature Range     | -40/+85°C                |
| Rated Temperature     | 70°C                     |
| Max dV/dt             | 50 V/us                  |
| ESR                   | 5 mOhms (TYP)            |
| Ripple Current        | 25 Amps, 500 Amps (Peak) |

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