



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

General Information

| | |
|------------------|---|
| Series | C44P-T |
| Dielectric | Metallized Polypropylene |
| Style | Can |
| Features | Single Phase PFC |
| RoHS | With Exemptions |
| Lead | Threaded Studs M10 |
| Qualifications | UL810A approved - E107629 |
| Mounting Details | Preferred with flexible connections for proper safety device activation (*) |

Notes
 (*) Care should be taken to ensure that there still is electrical clearance of 15mm between terminations and other live or earthed parts above the capacitor, in case of safety device activation.

Dimensions

| | |
|----|---------------|
| D | 85mm +/-0.5mm |
| L | 247mm +/-2mm |
| W | 21mm +/-1mm |
| S | 35mm +/-1mm |
| W1 | 45mm +/-1mm |

Packaging Specifications

| | |
|--------------------|---------------|
| Terminal Type | Bolt - M12x16 |
| Packaging | Carton Box |
| Packaging Quantity | 5 |

Specifications

| | |
|------------------------------|----------------------------|
| Capacitance | 68 uF |
| Tolerance | 10% |
| Voltage DC | 1700 VDC, 2500 VDC (Surge) |
| Voltage AC | 780 VAC |
| Temperature Range | -30/+70°C |
| Maximum Temperature Hot-Spot | +90 degrees Celsius |
| Rated Temperature | 70°C |
| Max dV/dt | 70 V/us |
| ESR | 1.5 mOhms |
| Ripple Current | 55 Amps |
| Inductance | 170 nH |
| Irms | 55 A |
| Max Power Loss | 7.3 W |
| Thermal Resistance (Rth) | 4.8 C/W |
| Rs | 1.5 mOhms |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.