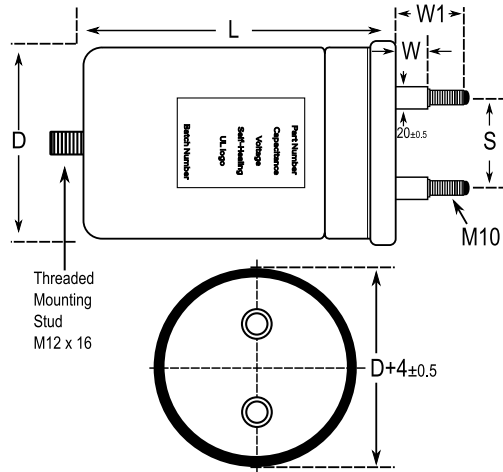


C44PUGR5680T89K

C44P-T, Film, Metallized Polypropylene, AC Filter, 68 uF, 10%, 1700 VDC, 780 VAC, 35 mm



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

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