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**General Information**

Series	C44U-T
Dielectric	Metallized Polypropylene
Style	Can
Features	DC Filtering, Energy Storage
RoHS	With Exemptions
Lead	Screw Terminals M6
AEC-Q200	No
Typical Component Weight	1,020 g
Miscellaneous	Thermal Resistance = 5.8C/W.

**Dimensions**

D	85mm +2mm
L	99.5mm +/-2mm
L1	101mm +/-2mm
S	32mm +/-0.3mm
D1	88mm +0.5mm

**Packaging Specifications**

Terminal Type	Bolt - M12x16
Packaging	Bulk, Bag
Packaging Quantity	5

**Specifications**

Capacitance	500 uF
Tolerance	10%
Voltage DC	900 VDC
Temperature Range	-40/+105°C
Rated Temperature	85°C
Insulation Resistance	2 GOhms
Max dV/dt	7 V/us
ESR	2 mOhms
Ripple Current	50 Amps (10kHz 55C), 3545 Amps (Peak)
Inductance	50 nH

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