



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

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	1020 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
Capacitance 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

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.