



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

#### Dimensions

D	116mm +2mm
L	273mm +/-2mm
L1	276mm +/-2mm
S	50mm +/-0.3mm
D1	119mm +0.5mm

#### Packaging Specifications

Mounting	Through-Hole
Terminal Type	Bolt - M12x16
Packaging	Bulk, Bag
Packaging Quantity	4

#### 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	3270 g
Miscellaneous	Thermal Resistance = 1.8C/W.

#### Specifications

Capacitance	550 uF
Capacitance Tolerance	10%
Voltage DC	1800 VDC
Temperature Range	-40/+105°C
Rated Temperature	85°C
Insulation Resistance	2.1 GOhms
Max dV/dt	12 V/us
ESR	2.1 mOhms
Ripple Current	89 Amps (10kHz 55C), 6425 Amps (Peak)
Inductance	80 nH