



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

General Information

Series	C44U-M
Dielectric	Metallized Polypropylene
Style	Can
Features	DC Filtering, Energy Storage
RoHS	With Exemptions
REACH	SVHC (Pb – CAS 7439-92-1)
Lead	Screw Terminals M6
AEC-Q200	No
Typical Component Weight	2,000 g
Miscellaneous	Thermal Resistance = 4.6 C/W. Weight = 8500 grams.

Specifications

Capacitance	600 uF
Tolerance	10%
Voltage DC	1300 VDC
Temperature Range	-40/+85°C
Rated Temperature	75°C
Insulation Resistance	50 MOhms
Max dV/dt	7 V/us
ESR	1.2 mOhms (1kHz)
Ripple Current	60 Amps (1kHz 40C), 4000 Amps (Peak)
Inductance	40 nH

Dimensions

D	136mm +2mm
L	131mm +/-2mm
L1	134mm +/-2mm
S	50mm +/-0.3mm
D1	139mm +0.5mm

Packaging Specifications

Terminal Type	Bolt - M12x16
Packaging	Bulk, Bag
Packaging Quantity	4

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.