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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	1,840 g
Miscellaneous	Thermal Resistance = 2.6C/W.

Dimensions

D	85mm +2mm
L	268.5mm +/-2mm
L1	270mm +/-2mm
S	32mm +/-0.3mm
D1	88mm +0.5mm

Packaging Specifications

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

Specifications

Capacitance	300 uF
Capacitance Tolerance	10%
Voltage DC	1800 VDC
Temperature Range	-40/+105°C
Rated Temperature	85°C
Insulation Resistance	3.2 GOhms
Max dV/dt	12 V/us
ESR	3.2 mOhms
Ripple Current	60 Amps (10kHz 55C), 3505 Amps (Peak)
Inductance	80 nH

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