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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	1,800 g
Miscellaneous	Thermal Resistance = 3.7C/W.

Dimensions

D	116mm +2mm
L	133mm +/-2mm
L1	136mm +/-2mm
S	50mm +/-0.3mm
D1	119mm +0.5mm

Packaging Specifications

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

Specifications

Capacitance	300 uF
Capacitance Tolerance	10%
Voltage DC	1500 VDC
Temperature Range	-40/+105°C
Rated Temperature	85°C
Insulation Resistance	1.9 GOhms
Max dV/dt	12 V/us
ESR	1.9 mOhms
Ripple Current	65 Amps (10kHz 55C), 3720 Amps (Peak)
Inductance	50 nH

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