



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

General Information

Series	C44U
Dielectric	Metallized Polypropylene
Style	Can
Features	Heavy Duty
RoHS	With Exemptions
REACH	SVHC (Pb – CAS 7439-92-1)
SCIP Number	cc1c1ec4-db9e-4815-b26b-e8a34ddfb776
Lead	Screw Terminals M6
AEC-Q200	No
Typical Component Weight	7.65 g
Miscellaneous	Thermal Resistance = 9.9 C/W. Weight = 265 grams.

Dimensions

D	76mm +1mm
L	55mm +0.5mm
L1	61mm +/-1mm
S	31.7mm +/-0.2mm

Packaging Specifications

Terminal Type	Bolt - M12x16
Packaging	Bulk, Bag
Packaging Quantity	18

Specifications

Capacitance	50 uF
Tolerance	10%
Voltage DC	1100 VDC
Temperature Range	-40/+85°C
Rated Temperature	75°C
Insulation Resistance	600 MOhms
Max dV/dt	31 V/us
ESR	1.6 mOhms (10kHz)
Ripple Current	52 Amps (10kHz 40C), 1550 Amps (Peak)
Inductance	36 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.