



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

### Dimensions

D	45mm +/-0.5mm
L	80mm +/-2mm
S	22.3mm +/-0.5mm

### Packaging Specifications

Terminal Type	Through-Hole
Terminal Type	Bolt - M8x10
Packaging	Bulk, Bag
Packaging Quantity	60

### General Information

Series	C44A
Dielectric	Metallized Polypropylene
Style	Can
RoHS	With Exemptions
REACH	SVHC (Pb - CAS 7439-92-1)
SCIP Number	cc1c1ec4-db9e-4815-b26b-e8a34ddf776
Lead	Threaded Studs M6
AEC-Q200	No
Typical Component Weight	148.3 g
Miscellaneous	Thermal Resistance = 7.8 C/W.

### Specifications

Capacitance	5 uF
Capacitance Tolerance	5%
Voltage DC	850 VDC
Voltage AC	450 VAC
Temperature Range	-40/+85°C
Rated Temperature	70°C
Max dV/dt	60 V/us
ESR	5 mOhms (TYP)
Ripple Current	16 Amps, 300 Amps (Peak)

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.