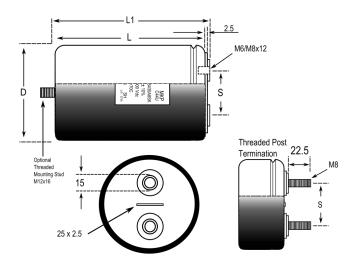


a YAGEO company

## C44UQGQ6500F8SK

C44U, Film, Metallized Polypropylene, DC Link, 500 uF, 10%, 1100 VDC



Click here for the 3D model.

Dimensions	
D	85mm +/-1mm
L	174mm +/-2mm
L1	180mm +/-2mm
S	31.7mm +/-0.2mm

Packaging Specifications		
Mounting	Bolt - M12x16	
Packaging	Bulk, Bag	
Packaging Quantity	5	

General Information	
Series	C44U
Dielectric	Metallized Polypropylene
Style	Can
Features	Standard Duty
RoHS	With Exemptions
REACH	SVHC (Pb - CAS 7439-92-1)
SCIP Number	cc1c1ec4-db9e-4815-b26b-e8a34ddfb776
Lead	Threaded Studs M8
AEC-Q200	No
Component Weight	1280 g
Miscellaneous	Thermal Resistance = 3.4 C/W. Weight = 1120 grams.

Specifications			
Capacitance	500 uF		
Capacitance Tolerance	10%		
Voltage DC	1100 VDC		
Temperature Range	-40/+85°C		
Rated Temperature	75°C		
Insulation Resistance	60 MOhms		
Max dV/dt	12 V/us		
Resistance	1.1 mOhms (10kHz)		
Ripple Current	90 Amps (10kHz 40C), 6000 Amps (Peak)		
Inductance	80 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.