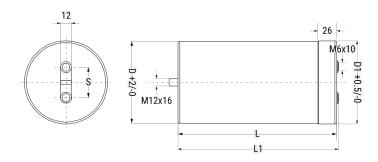


a YAGEO company

## C44UOGT6500T83K

C44U-T, Film, Metallized Polypropylene, DC Link, 500 uF, 10%, 900 VDC



General Information Series C44U-T Dielectric Metallized Polypropylene Style Features DC Filtering, Energy Storage RoHS With Exemptions Screw Terminals M6 Lead AEC-Q200 No Typical Component Weight 1020 g Thermal Resistance = 5.8C/W. Miscellaneous

Click here for the 3D model.

Dimensions		
D	85mm +2mm	
L	99.5mm +/-2mm	
L1	101mm +/-2mm	
S	32mm +/-0.3mm	
D1	88mm +0.5mm	

Specifications			
Capacitance	500 uF		
Capacitance Tolerance	10%		
Voltage DC	900 VDC		
Temperature Range	-40/+105°C		
Rated Temperature	85°C		
Insulation Resistance	2 GOhms		
Max dV/dt	7 V/us		
ESR	2 mOhms		
Ripple Current	50 Amps (10kHz 55C), 3545 Amps (Peak)		
Inductance	50 nH		

Packaging Specifications		
Mounting	Through-Hole	
Terminal Type	Bolt - M12x16	
Packaging	Bulk, Bag	
Packaging Quantity	5	

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.