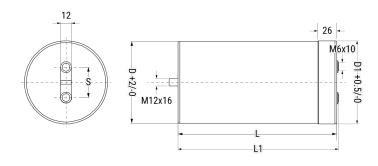


a YAGEO company

## C44UVGT6125M83K

C44U-M, Film, Metallized Polypropylene, DC Link, 125 uF, 10%, 1800 VDC



General Information Series C44U-M Dielectric Metallized Polypropylene Style DC Filtering, Energy Storage Features RoHS With Exemptions **REACH** SVHC (Pb - CAS 7439-92-1) SCIP Number cc1c1ec4-db9e-4815-b26b-e8a34ddfb776 Screw Terminals M6 Lead AEC-Q200 Nο Component 1020 g Weight Thermal Resistance = 5.8 C/W. Weight = 5100 Miscellaneous grams.

Click here for the 3D model.

Dimensions	
D	85mm +2mm
L	124.5mm +/-2mm
L1	126mm +/-2mm
S	32mm +/-0.3mm
D1	88mm +0.5mm

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

Specifications			
Capacitance	125 uF		
Capacitance Tolerance	10%		
Voltage DC	1800 VDC		
Temperature Range	-40/+85°C		
Rated Temperature	75°C		
Insulation Resistance	240 MOhms		
Max dV/dt	14 V/us		
Resistance	3.6 mOhms (10kHz)		
Ripple Current	37 Amps (10kHz 40C), 1770 Amps (Peak)		
Inductance	50 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.