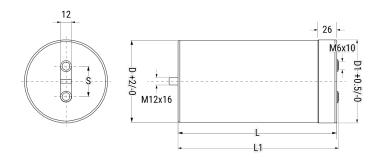


a YAGEO company

C44UQGT6320M83K

C44U-M, Film, Metallized Polypropylene, DC Link, 320 uF, 10%, 1100 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 | 320 uF | |
| Capacitance Tolerance | 10% | |
| Voltage DC | 1100 VDC | |
| Temperature Range | -40/+85°C | |
| Rated Temperature | 75°C | |
| Insulation Resistance | 90 MOhms | |
| Max dV/dt | 9 V/us | |
| Resistance | 2.4 mOhms (10kHz) | |
| Ripple Current | 46 Amps (10kHz 40C), 2835 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.