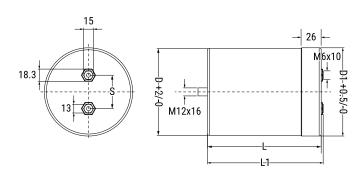




C44U-M, Film, Metallized Polypropylene, DC Link, 1,780 uF, 10%, 1,100 VDC, 50 mm



Click	horo	for th	20 3D	modal

Dimensions	
D	136mm +2mm
L	232mm +/-2mm
L1	235mm +/-2mm
S	50mm +/-0.3mm
D1	139mm +0.5mm

Packaging Specifications		
Terminal Type	Bolt - M12x16	
Packaging	Bulk, Bag	
Packaging Quantity	4	

General Information	
Series	C44U-M
Dielectric	Metallized Polypropylene
Style	Can
Features	DC Filtering, Energy Storage
RoHS	With Exemptions
REACH	SVHC (Pb - CAS 7439-92-1)
Lead	Screw Terminals M6
AEC-Q200	No
Typical Component Weight	3,600 g
Miscellaneous	Thermal Resistance = 2.5 C/W. Weight = 15000 grams.

Specifications	
Capacitance	1,780 uF
Tolerance	10%
Voltage DC	1100 VDC
Temperature Range	-40/+85°C
Rated Temperature	75°C
Insulation Resistance	20 MOhms
Max dV/dt	6 V/us
ESR	1 mOhms (1kHz)
Ripple Current	100 Amps (1kHz 40C), 9700 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.

Generated 08/25/2025 © 2006 - 2025 YAGEO