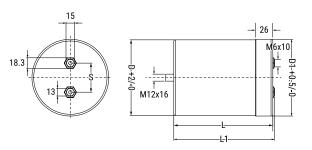
## KEMET Part Number: C44UQGT7100M31K



## C44U-M, Film, Metallized Polypropylene, DC Link, 1000 uF, 10%, 1100 VDC



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
Miscellaneous:	Thermal Resistance = 4.3 C/W. Weight = 8500 grams.

Dimensions		
D	136mm +2mm	
L	131mm +/-2mm	
L1	134mm +/-2mm	
S	50mm +/-0.3mm	
D1	139mm +0.5mm	

Packaging Specifications	
Mounting:	Bolt - M12x16
Packaging:	Bulk, Bag
Packaging Quantity:	4

Specifications	
Capacitance:	1000 uF
Capacitance Tolerance:	10%
Voltage DC:	1100 VDC
Temperature Range:	-40/+85°C
Rated Temperature:	75°C
Insulation Resistance:	30 MOhms
Max dV/dt:	6 V/us
Resistance:	0.85 mOhms (1kHz)
Ripple Current:	60 Amps (1kHz 40C), 5800 Amps (Peak)
Inductance:	40 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.



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