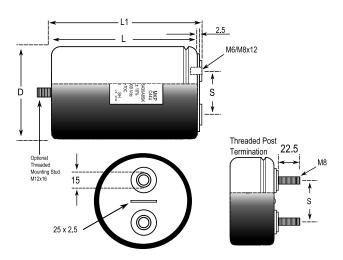




C44U, Film, Metallized Polypropylene, DC Link, 425 uF, 10%, 700 VDC, 31.7



Click here for the 3D model.

Dimensions	
D	76mm +1mm
L	140mm +0.5mm
L1	146mm +/-1mm
S	31.7mm +/-0.2mm

Packaging Specifications		
Terminal Type	Bolt - M12x16	
Packaging	Bulk, Bag	
Packaging Quantity	9	

General Information	
Series	C44U
Dielectric	Metallized Polypropylene
Style	Can
Features	Heavy Duty
RoHS	With Exemptions
REACH	SVHC (Pb - CAS 7439-92-1)
SCIP Number	cc1c1ec4-db9e-4815-b26b-e8a3 4ddfb776
Lead	Screw Terminals M6
AEC-Q200	No
Typical Component Weight	711.1 g
Miscellaneous	Thermal Resistance = 4.6 C/W. Weight = 656 grams.

Specifications	
Capacitance	425 uF
Tolerance	10%
Voltage DC	700 VDC
Temperature Range	-40/+85°C
Rated Temperature	75°C
Insulation Resistance	70 MOhms
Max dV/dt	6 V/us
ESR	3.2 mOhms (10kHz)
Ripple Current	55 Amps (10kHz 40C), 2550 Amps (Peak)
Inductance	60 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 12/29/2025 © 2006 - 2025 YAGEO