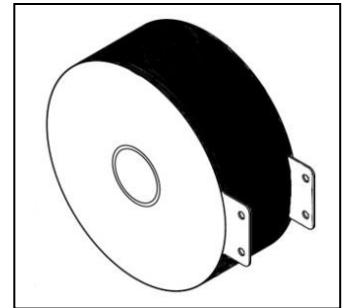


Power Ring Film Capacitor™ 3000 µF, 1500 Vdc

The 772D102 Power Ring is a 1,500Vdc, 3000µF high voltage pulse capacitor.



Electrical Specifications

SBE Part #:	772D102
Capacitance/Tolerance:	3000 µF ±10%
DC Charge Voltage:	1500 Vdc
Dielectric/Construction:	Metallized Polypropylene film.
Dielectric Withstand Voltage:	Units 100% tested at DC potential of 1800 Volts for two minutes at 25°C.
Peak-to-Peak Voltage:	1,500 V
ESR @ 10 kHz:	< 0.185 milliohms at +25°C, typical
ESL:	> 50nH (Depends on customer connections)
Operating Temperature:	-10°C to +75°C
Peak Current Rating:	69,000 Amps Repetitive

Mechanical Specifications

Core:	Hollow phenolic core with 2.0" I.D.	
Terminals:	Tin plated copper strap	
Encapsulation:	Black outer tape wrap and white epoxy potting.	
Mechanical Mounting:	If possible, mounting of this unit using the core will help to provide stress relief for the terminals.	
Marking:	APCS 772D102 3000 µF ±10% 1500 Vdc yyww-lot#-unit	Company identification APCS "short form" part number Capacitance value and Tolerance DC voltage rating Serial number (date code, lot number, unit number)

Layout Details

Diameter: 380mm (15")
Thickness: 155mm (6.10")

Rev 1 8/4/22

Advanced Conversion
81 Parker Road • Barre, VT 05641 USA
Tel: 802-661-3450
Web: www.advanced-conversion.com

Advanced Conversion reserves the right to amend design data

