

### Preliminary

#### Power Ring Film Capacitor™ 650 $\mu$ F, 3500 Vdc

#### Electrical Specifications

**SBE Part #:** 774D108

**Capacitance/Tolerance:** 650  $\mu$ F  $\pm$ 10%

**DC Voltage Rating:** 3500 Vdc

**Dielectric/Construction:** Metallized Polypropylene film.

**Dielectric Withstand Voltage:** Units 100% tested at DC potential of 4000 Volts for two minutes at 25°C.

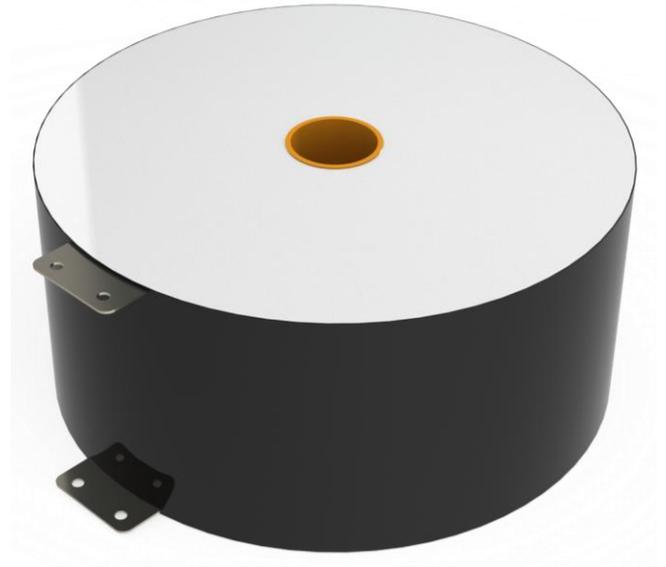
**Peak-to-Peak Voltage:** 3,500

**ESR @ 10 kHz:** < 0.3 milliohm at +25°C, typical

**ESL:** > 50nH

**Operating Temperature:** -10°C to +75°C

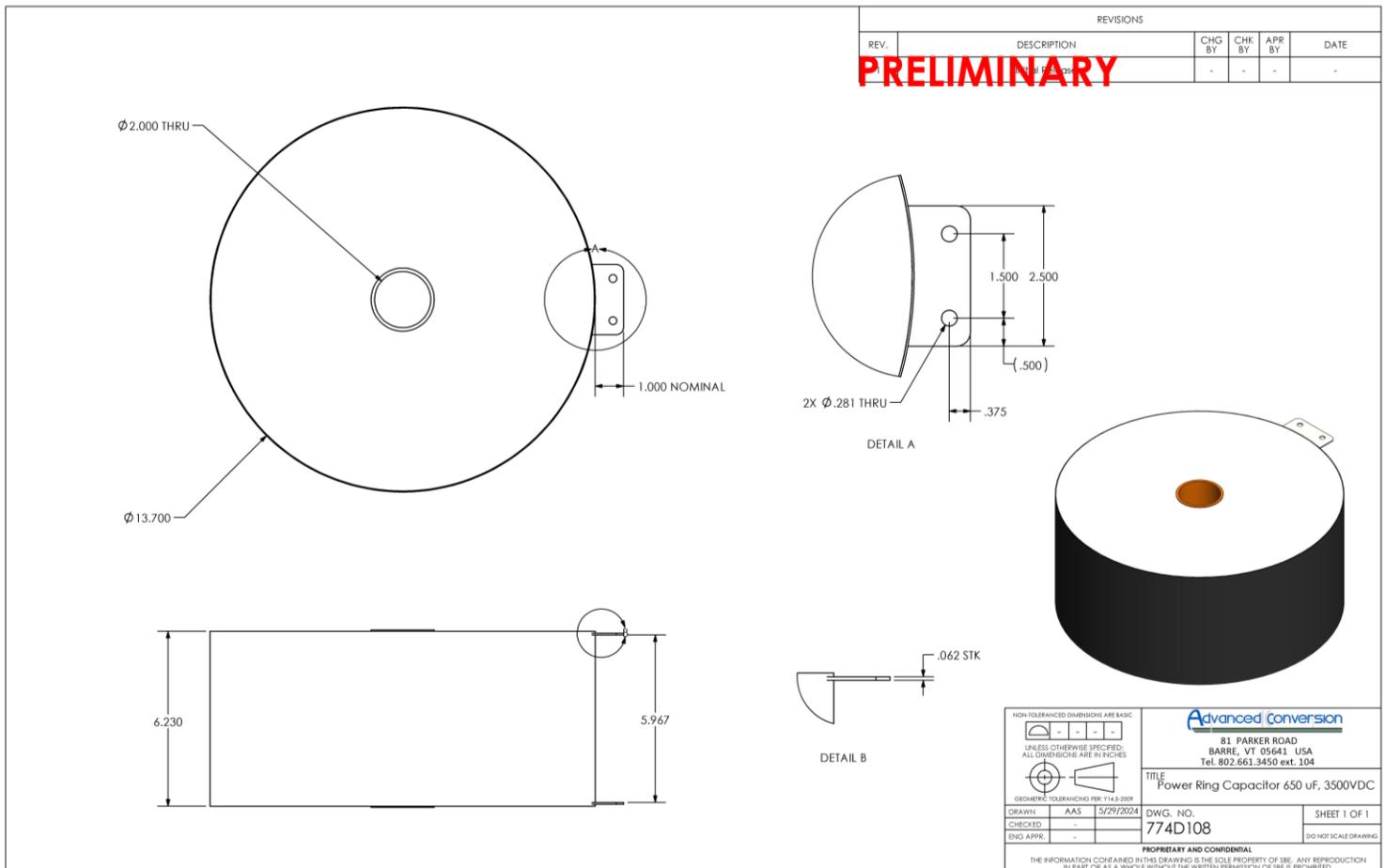
**Peak Current Rating:** 66,000 Amps Repetitive



## Mechanical Specifications

<b>Core:</b>	Hollow phenolic core with 2.0" I.D.	<b>Marking:</b> APCS	APCS company identification
<b>Terminals:</b>	Tin plated copper strap, 0.062" thick by 2.5" wide.	774D108	APCS "short form" part number
<b>Encapsulation:</b>	Black outer tape wrap and white epoxy potting.	650 $\mu$ F $\pm$ 10%	Capacitance value and Tolerance
<b>Mechanical Mounting:</b>	If possible, mounting of this unit using the core will help to provide stress relief for the terminals.	3500 Vdc	DC voltage rating
		yyww-lot#-unit	Serial number (date code, lot number, unit number)

## Layout Details:



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**Advanced Conversion**  
 81 Parker Road • Barre, VT 05641 USA  
 Tel: 802-661-3450  
 Web: [www.advanced-conversion.com](http://www.advanced-conversion.com)

<small>NON-TOLERANCED DIMENSIONS ARE BASIC          UNLESS OTHERWISE SPECIFIED:          ALL DIMENSIONS ARE IN INCHES</small>			
<small>GEOMETRIC TOLERANCING PER Y14.5-2009</small>		81 PARKER ROAD BARRE, VT 05641 USA Tel. 802.661.3450 ext. 104	
DRAWN: AAS 5/29/2024 CHECKED: - ENG APPR: -		TITLE: Power Ring Capacitor 650 uF, 3500VDC DWG. NO.: 774D108 SHEET 1 OF 1 <small>DO NOT SCALE DRAWING</small>	
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