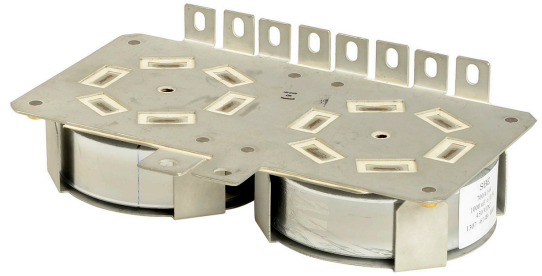


Power Ring Film Capacitor™ 600 μ F, 600 Vdc

The 700A60796-155 Power Ring is a 600 Vdc, 600 μ F DC Link Capacitor with an ESR of 200 micro-Ohms at 20kHz and an ESL of less than 15nH.



Electrical Specifications

SBE Part #: 700A60796-155

Capacitance/Tolerance: 600 μ F \pm 10%

DC Voltage Rating: 600 Vdc

Dielectric/Construction: Metallized polypropylene film. Dual windings integrated to a laminar bus.

Dielectric Withstand Voltage: Units 100% tested at a DC voltage of 750 Volts for 2 minutes at +25°C

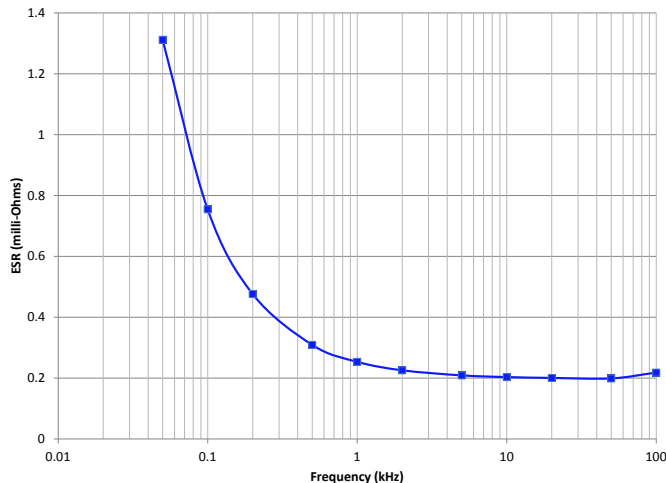
ESL at Output Tabs: Less than 15 nH for unit as shown (value does not include effects from any additional hardware, bus adaptor, etc.)

Operating Temperature: -40°C to +85°C at full rated voltage

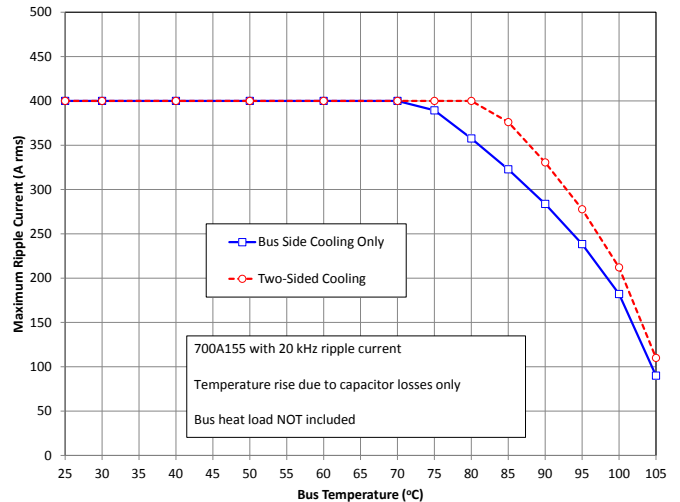
Voltage, Temperature De-rating: De-rate voltage linearly to 400 volts from + 85°C to + 105°C

System Fault Current Rating: 3,000 Amps maximum (external to capacitor)

Typical ESR vs. Frequency:



RMS Current Rating:



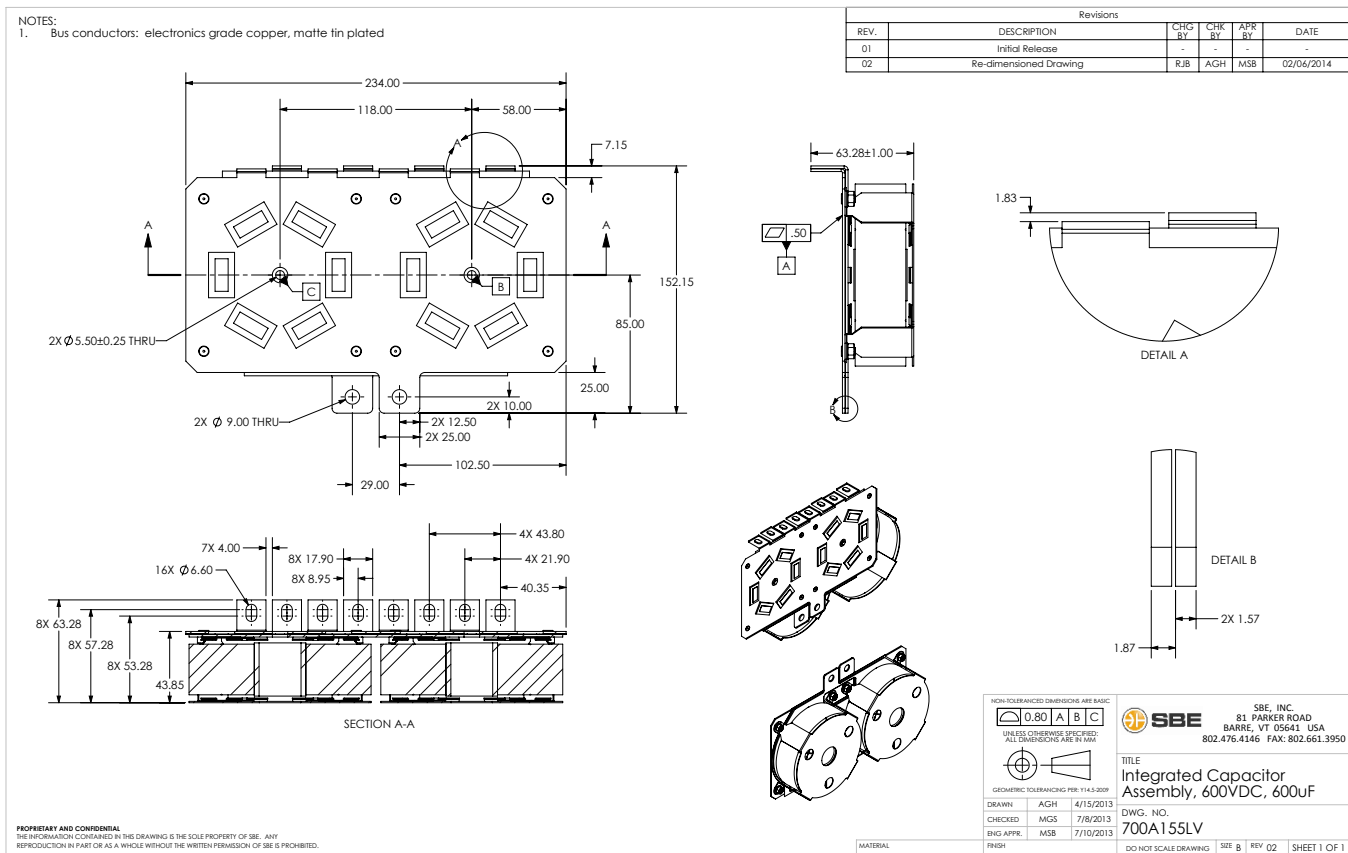
Mechanical Specifications

Dimensions: Refer to layout details
Terminals: Tin plated copper, 0.062" thick.
Encapsulation: Un-encapsulated

Marking:

SBE Inc. 700A155 600 µF ±10%	SBE company identification SBE "short form" part number Capacitance value and tolerance
600 VDC yyww-lot#-unit	DC voltage rating 12-digit serial number (date code, lot number, unit number)

Layout Details:



Contact SBE Inc. to discuss your specific requirements.

SBE reserves the right to amend design data