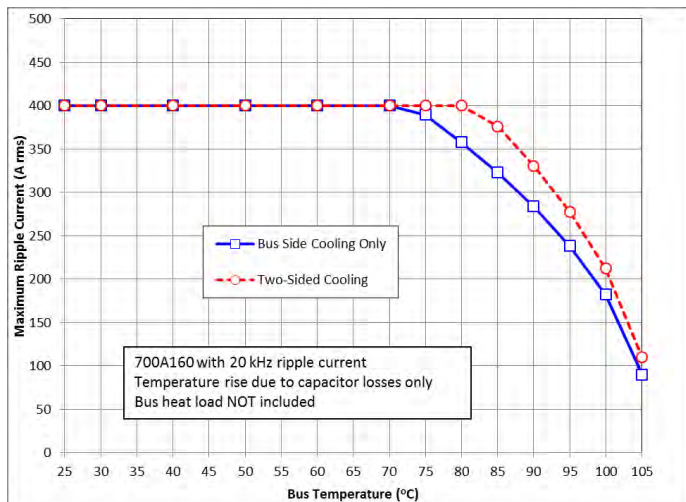


## Technical Data Sheet

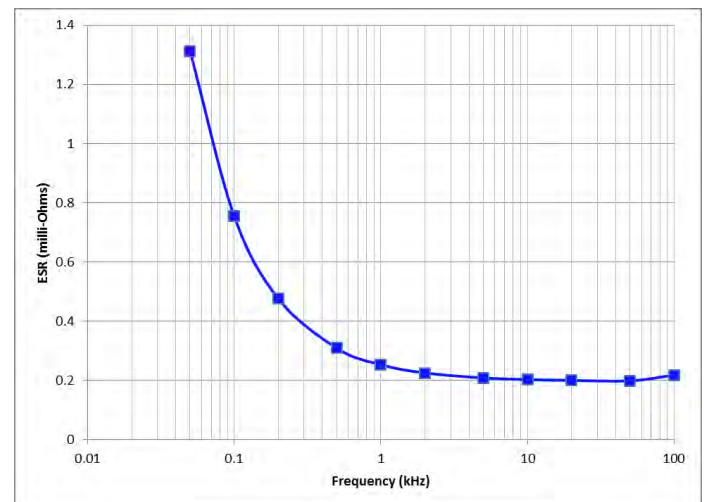
<b>SBE Part #:</b>	700A60796-160
<b>Capacitance/Tolerance:</b>	600 $\mu$ F, $\pm$ 10%
<b>DC Voltage Rating:</b>	600 VDC
<b>Dielectric Withstand Voltage:</b>	Units 100% tested at a DC voltage of 750 Volts for 2 minutes at +25°C.
<b>ESL at Output Tabs:</b>	Less than 15 nH for unit as shown (value does not include effects from any additional hardware, bus adaptor, etc.)
<b>Dielectric/Construction:</b>	Metallized Polypropylene film, Dual windings integrated to a laminar bus.
<b>Operating Temperature:</b>	-40°C to +85°C at full rated voltage.
<b>Voltage/Temperature De-rating:</b>	De-rate voltage linearly to 400 volts from +85°C to +105°C.
<b>System Fault Current Rating:</b>	3000 Amps maximum (external to capacitor).



### RMS Current Rating:



### Typical ESR vs. Frequency:



## Mechanical Specifications

<b>Dimensions:</b>	See following page for layout details.
<b>Bus/Terminals Tabs:</b>	Tin plated copper, 0.062" thick.
<b>Encapsulation:</b>	Molded polymer case, potted with RTV.

<b>Marking:</b>	SBE	SBE company identification
	700A160	SBE "short form" part number
	600 $\mu$ F $\pm$ 10%	Capacitance value and tolerance
	600 VDC	DC voltage rating
	yyww-lot#-unit	12 digit unique serial number (date code-lot number-unit number)

# Layout/Dimensional Details:

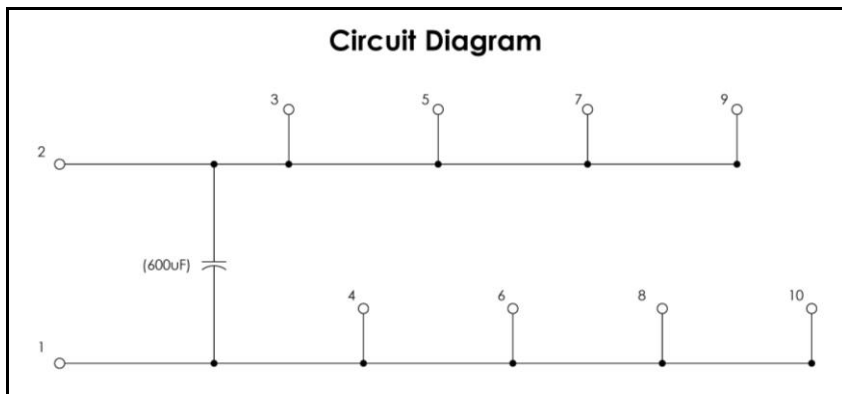
Revisions				
REV.	DESCRIPTION	CHG BY	CHK BY	DATE
01	Initial Release	-	-	-

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**TITLE**  
 Vertical Test Kit, 600uF, 600VDC  
**DWG. NO.**  
 700A160LV

**DO NOT SCALE DRAWING** SHE 6 REV 01 SHEET 1 OF 2



**Contact SBE Inc. to discuss your specific requirements**

Rev. 7/8/13 SBE Inc. reserves the right to amend design data

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