

**Preliminary**

**Technical Data Sheet**



**Electrical Specifications**

<b>Capacitance/Tolerance:</b>	100 $\mu$ F, $\pm$ 10%
<b>DC Charge Voltage:</b>	2500 VDC
<b>Dielectric/Construction:</b>	Metallized Polypropylene film, series-section design Pulse capacitor not intended for prolonged exposure to DC voltage
<b>Withstand Voltage:</b>	Units 100% tested at DC potential of 3000 Volts for two minutes at +25°C
<b>ESR @ 10kHz</b>	< 0.8 milli-Ohm
<b>ESL:</b>	< 75 nH (depends on customer connections)
<b>Operating Temperature:</b>	-40°C to +40°C
<b>Peak current rating:</b>	10,000 Amps
<b>RMS Current Rating:</b>	50 Amps RMS at 25°C

**Mechanical Specifications**

<b>Dimensions:</b>	Height 130mm x Diameter 137mm	
<b>Encapsulation:</b>	Epoxy or RTV end fill	
<b>Terminals:</b>	Tin plated copper lugs	
<b>Marking:</b>	Advanced Conversion 773D105 100 $\mu$ F $\pm$ 10% 2500 VDC yyww-lot#-unit	Company Name Part Number Capacitance value and tolerance DC Voltage Rating Serial Number

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MAB

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