

## Power Ring Film Capacitor 100µF, 2,500Vdc

*The 773D107925-105 Power Ring is a 2,500Vdc, 100µF high voltage pulse capacitor.*

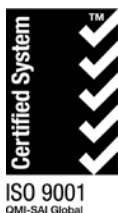


### Electrical Specifications

<b>Part #:</b>	773D107925-105
<b>Capacitance/Tolerance:</b>	100 µF, ±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>Dielectric Withstand Voltage:</b>	Units 100% tested at DC potential of 3000 Volts for two minutes at 25°C.
<b>ESR @ 10 kHz:</b>	< 0.8 mΩ
<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>Diameter:</b>	137 mm										
<b>Height:</b>	130 mm										
<b>Terminals:</b>	Tin-plated copper lugs										
<b>Encapsulation:</b>	Epoxy or RTV end fill										
<b>Marking:</b>	<table> <tr> <td>APCS</td> <td>company identification</td> </tr> <tr> <td>773D105</td> <td>"short form" part number</td> </tr> <tr> <td>100µF ±10%</td> <td>Capacitance value and tolerance</td> </tr> <tr> <td>2,500Vdc</td> <td>DC voltage rating</td> </tr> <tr> <td>yyww-lot#-unit</td> <td>Serial number (date code, lot number, unit number)</td> </tr> </table>	APCS	company identification	773D105	"short form" part number	100µF ±10%	Capacitance value and tolerance	2,500Vdc	DC voltage rating	yyww-lot#-unit	Serial number (date code, lot number, unit number)
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Advanced Conversion reserves the right to amend design data

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