

Power Ring Film Capacitor 100µF, 2,500Vdc

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



Electrical Specifications

Part #:	773D107925-105
Capacitance/Tolerance:	100 µF, ±10%
DC Charge Voltage:	2500 Vdc
Dielectric/Construction:	Metallized Polypropylene film, series-section design Pulse capacitor not intended for prolonged exposure to DC voltage
Dielectric Withstand Voltage:	Units 100% tested at DC potential of 3000 Volts for two minutes at 25°C.
ESR @ 10 kHz:	< 0.8 mΩ
ESL:	< 75 nH (depends on customer connections)
Operating Temperature:	-40°C to +40°C
Peak Current Rating:	10,000 Amps
RMS Current Rating:	50 Amps RMS at 25°C

Mechanical Specifications

Diameter:	137 mm										
Height:	130 mm										
Terminals:	Tin-plated copper lugs										
Encapsulation:	Epoxy or RTV end fill										
Marking:	<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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