

**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:	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)