



# NeXT Ignition Condensator



NeXT Ignition Condensator is a high performance electroinc network which drains high frequency noise allowing for the ECU and associated electronics to work in harmony with one another.

⇒ High Impedance for running frequencies. Matched to RLC values of the ignition network for low ESR, high frequency noise characteristics. Used in NASA's latest ignition design by Mission Ignition Systems for RCS and main thrusters.



**CAUTION:** Please contact us with your ignition coil for proper matching of Ignition Condensator network.

## ► FEATURES

- Low system Flyback noise
- Low EMI interference noise
- Low ESR in out running ECU contitions

## ► COMPATIBILITY

- ALL HEAVY LOAD CURRENT SYSTEMS USING DC POWER UP TO 2KV

## ► APPLICATIONS

- IGNITION AMPLIFIERS, AUDIO AMPLIFIERS, FUEL SYSTEMS
- ECU LINE CONDITIONING

## ► SPECIFICATIONS

### Electrical

1 CHANNEL

- Output current:
  - None
- Leakage current 0.06mA
- Min ESR - 0.007 ohms
  - 0.1 volts DC minimum
  - 2000 volts DC maximum
- Operating Temperature Range -40 - 180 degrees celcius
- Projected Lifespan - 10 years
- RLC network and power monitor

### Physical

- Size: 30mm x 30mm x 17mm
- Weight: approx 20 grams plus connectors
- Connectors:
  - Input: 18AWG STRANDED RED
  - Output: 18AWG STRANDED BLACK
- Maximum case temperature 175 degrees C