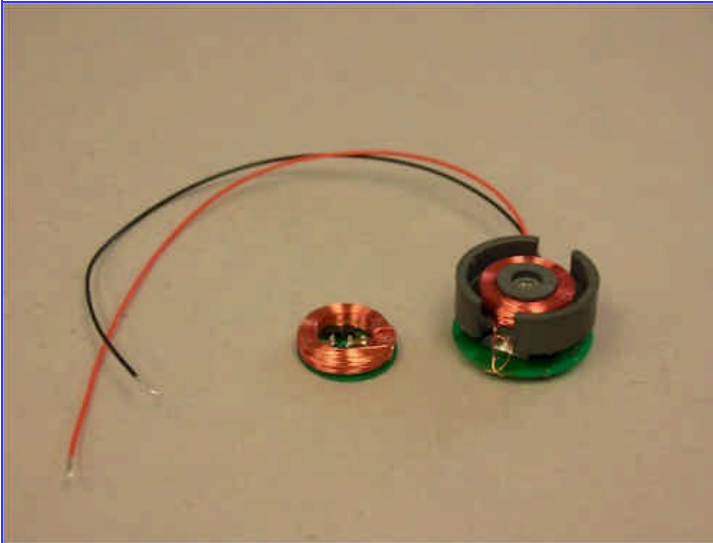


MODEL: P-22 Coupler**FEATURES**

- Implantable air coil
- Regulated voltage
- \varnothing 11.0-mm x 2.0-mm thin secondary air coil
- 30 mA of power
- Surgically implantable
- Low power voltage
- Optional supervisor coil
- Miniature size
- 3-mm air gap

OVERVIEW**BENIFITS**

The P-22 is the results of a customer defined project where regulated power was required for a miniature air coil that was to be surgically implanted. The inductive power coupling modules includes a \varnothing 11.0-mm x 2.0-mm thin secondary air coil and PCB, capable of supplying 30 mA regulated to 2.2 V dc, across a 3-mm air gap. The primary module is also very small at \varnothing 15.0-mm x 6-mm thick including the coil, ferrite core and PCB.

The primary power for the P-22 coupler is a nominal 3-V dc (2.8 V to 4.2V). The secondary voltage was limited to 2.2 V with special bust modulation and current limiting features.

The coupler operate at a frequency ideal for implants and can also be equipped with a supervisor coil to measure specific feedback.

- Frequency ideal for implant
- Pre regulated voltage
- Very thin and compact
- High efficiency power transfer
- Large air gap
- Battery powered optional
- Data feedback optional

OPTIONS

- Different secondary voltages
- Supervisor data coil
- Different air gaps