

Low Leakage Power Filters for Medical Applications

Applications

- Medical Imaging
- Anesthesia Equipment
- Patient Care Monitors
- Surgical Tools
- Laboratory Equipment
- Portable Ventilators
- External Defibrillators

APITech Capabilities

- Rich heritage in providing a vast portfolio of standard, configurable, and custom application-specific solutions for the medical marketplace.
- Focus on miniaturization and achieving higher packaging density in circuit design where component size is a premium and the highest levels of integration are desired.
- In addition to standard, off-the shelf designs and part numbers, APITech can provide custom sized options to fit unique package specifications.

Product Features

- High performance/high reliability
- Low leakage current of < 10 uA to 1.8 mA
- High insertion loss of up to and exceeding 100 dB
- Effective filtering from 10 KHz to 1 GHz
- Excellent attenuation for high voltage impulse
- Excellent filtering characteristics for both normal mode and common mode
- Can accommodate non-magnetic requirements
- Meet EN 55011, EN 55022, and IEC/EN60601-1-2 requirements
- Suitable for products that must conform to FCC and FTZ regulations



*Power Line Filter
12-PML/PMF Series*



Custom Power Filter



*2 Phase, 2 Line Filter
62-MTB Series*