

Custom Magnetics Solutions For Medical Devices & Equipment



Magnetics For Life Support

Datatronics provides a wide range of custom magnetics solutions for the manufacturers of life-saving medical devices and equipment. Our high-voltage, high-reliability rugged transformers, inductors, coils and assemblies can be designed to support:

- Implantable Pacemakers/Defibrillators
- Portable and Wall-Mount Defibrillators
- Brain Therapy Devices
- Insulin Pumps
- Diagnostic Imaging Equipment
- Personal Dental Hygiene Devices
- Medical Device Power Supplies
- Robotic Prosthetic Limbs



Magnetics For Medical Devices & Equipment

You'll find our capabilities range from ultra-fine wire coil winding to board level inductors and transformers to large three-phase transformers to large perfect-layer coil winding technology. You'll see our products in a variety of high-reliability, rugged components and products including:

- High Voltage Coils
- Self-Supporting Coils
- Toroidal Transformers
- Three-Phase Transformers
- 60Hz Step-Down Transformers
- 400Hz Transformers
- Ferro Resonant
- Vibratory Magnets
- LVDT Transformers
- Fluid Sensing Coils
- Power Line Filters
- Power Inductors
- Audio Transformers
- Isolation Transformers
- Distribution Transformers
- Switching Transformers
- Solenoids
- Pick Up Coils
- Auto Transformers

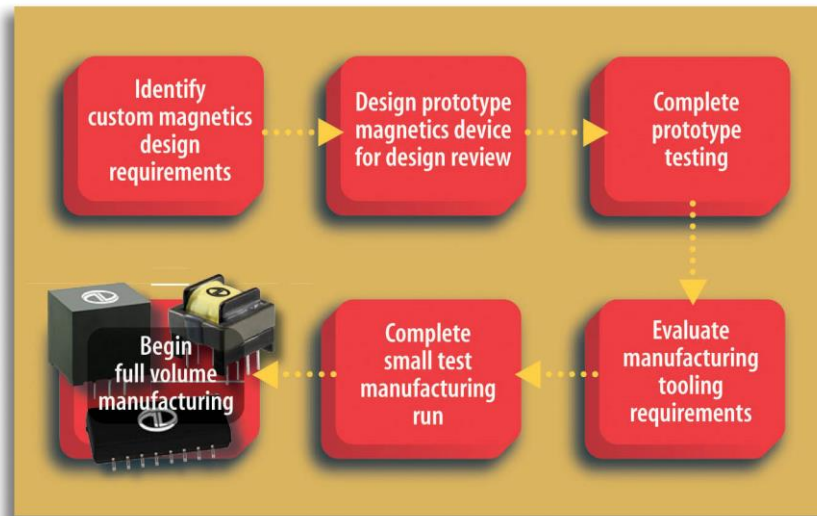
Certifications & Standards

We meet many of the world's most demanding quality, electrical, military and medical standards, including:

- ISO9001-HK
- ISO9001-PRC
- AS9100
- TS16949
- UL Insulation Systems to 200°C
- UL E332078
- CE Systems 130-240°C
- BABT
- CSA
- VDE
- MIL-PRF-27
- MIL-PRF-21038
- MIL-STD-981
- NASA Space Station Approved

Custom Design Specialists

Our custom engineered magnetics solutions and processes are designed to help you move rapidly from concept to prototype to production sample to full manufacturing:



Your Custom Solution Partner

When it comes to custom magnetics solutions, Datatronics is the reliable total solution partner that delivers value. We are committed to our customers and have earned their loyalty as an award winning supplier serving:

- Alliant Tech Systems
- ITT
- L3 (formerly Northrup Gruman)
- Lockheed
- Medtronic
- Physio Controls
- Phillips Ultrasound
- Phillips Oral Healthcare
- Raytheon
- Sandia National Labs