



Medical & Healthcare

With a wide variety of TDK technologies, we offer solutions with electronics components and devices for Medical & Healthcare.

"Classifications of Medical Devices" and TDK Products' Coverage of Those

Medical & Healthcare

DIAGNOSTIC ▼

CARE ▼

WELLNESS & PERSONAL HEALTHCARE ▼



Power Conversion

- Main Filter
- AC-DC Power Supply
- Battery Charger
- DC-DC Converter
- Energy Source
- Motor Drive

Main Unit

- Micro Processor
- I/O Interface
- ASIC

Telemedicine

Connectivity

- > M2M Module

Front End Patient

- Sensor
- Actuator
- Analyzer
- Audio/Video

Device



Main Unit

- Chip Varistors / CTVS
- CeraDiode
- TVS Diodes
- Chip Beads
- SMD Solid-State Batteries CeraCharge®
- Noise Suppressing / Magnetic Sheet
- ASIC (Link to IC Sense Website)

Front End Patient

Sensors

- MR Biomagnetic Sensors (Under Development)
- Temperature Sensors
- Pressure Sensors
- Ultrasonic ToF (Time-of-Flight) Sensors
- IMU (Inertial Measurement Unit)

Actuator

- Ultrasonic Sensor Disks
- CeraPlas®
- PiezoHapt™ Actuators
- PowerHap™ Actuators
- Transparent Conductive Film
- Cold Plasma (Sterilization/Disinfection) MediPlas

Audio/Video

- Piezoelectric Buzzers
- Electromagnetic Buzzers
- MEMS Microphones
- PiezoListen™ Piezo Speakers

Analyzer

- BioMems (Link to Tronics Website)

Device

- Digital Basal Thermometer
- Cold Plasma (Surface Treatment) Piezobrush

Power Conversion

Main Filter

- Power Line EMC Filters
- Battery Charger
- Wireless Power Transfer
- Inductors (Coils)
- Chip NTC Thermistors
- SMD Solid-State Batteries CeraCharge®

AC-DC Power Supply

- AC-DC Power Supplies
- Leaded Disk Varistors
- ThermoFuse Varistors
- Surge Arresters
- Disc Type Capacitors with Lead
- Transformers for AC-DC Converters

EMI Suppression Capacitors (Film Capacitors)

- EMI Suppression Capacitors (Film Capacitors)
- Snap-in Capacitors (Aluminum Electrolytic Capacitors)
- Common Mode Filters / Chokes
- Inductors (Coils)
- Power Line Chokes

DC-DC Converter

- DC-DC Converters
- µPOL™ Embedded DC-DC Converters
- Inductors (Coils)
- Multilayer Ceramic Chip Capacitors

Energy Source

- Power Capacitors for AC Filtering
- Ultra High Voltage Ceramic Capacitors
- Film Capacitors for PCB Mounting and Motor Run
- Aluminum Electrolytic Capacitors
- Ferrite Core
- Magnets

Solar Cells

- Solar Cells

Motor Drive

- Embedded Motor Controllers
- Angle Sensors

Publications

Point of Care Devices

