



**YOUR GATEWAY TO CRITICAL ELECTRONICS**



Power



Transistors, Diodes, Diodes Bridges, IGBT Modules  
Capacitors, Resistors

Protection



EMC Filters, TEMPEST Filters  
Lightning TVS, Varistors  
Thermistors, Active & Passive Cooling Solutions

High Voltage-RF



HT: Diodes, Optocopleurs, Power supplies  
RF: Capacitors, Inductances, Filters, Baluns, Antennas

Sensors

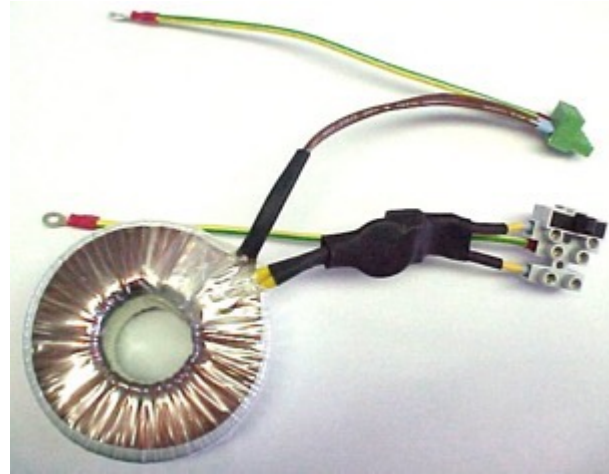


Pression, Vibration, Humidity, Temperature

Lighting



LED components  
LED rugged solutions (aero, defense)



- Power transformers
- Chokes and inductors
- SMPS transformers & inductors
- Current sense Magnetics
- Communication Magnetics
- LAN Magnetics

### **FOCUS**

Toroidal transformers and related magnetic components: 75% custom Design.  
Technical support  
Short design cycle and sampling  
A comprehensive range of standard devices

### **Quality**

Czech & India factories ISO-9001 certified.  
Strong technical expertise with a current work force of over 800 employees.  
44 for years of Design & manufacturing.

# CRITICAL SOLUTIONS, PRODUCTS LIST

- Bimetal Switch Wako.
- Capacitors Ceramic Johanson Dielectrics (Hirel\*)
- Capacitors Electrolytic, FT Cap Leclanché Capacitors
- Capacitor Films, FT Cap Leclanché
- Capacitor Feedthrough AC & DC , MPE (Hirel)
- Connectors, Sockets, Harnessing, Lotes
- Dies Bare, Semefab, Central-Semi
- Diodes High-Voltage, VMI (Hirel)
- Discrete Semi Conductors custom packaging, Semelab, Central Semi (Hirel)
- EMC / EMP Filters, MPE (Hirel)
- Fans & Cooling Solutions AFL, YS Tech,
- Inductors, Talema, Easy-Magnet
- LED, Optosupply, Lumex.
- LED Lighting solutions, Aveo Engineering (Hirel)
- Opto-Couplers, Isolink-Skyworks. (Hirel)
- Opto-Couplers High Voltage, VMI (Hirel)
- Opto-Diodes High-Voltage, VMI (Hirel)
- Power Modules custom packaging, Semelab (Hirel)
- Power Supplies High Voltage, VMI (Hirel)
- RF products, Johanson Technology. (Hirel)
- RF Components (Pin diode, Schottky diode, limiter diode), Skyworks. (Hirel)
- RF Transistor custom packaging, Semelab (Hirel)
- Sensor, Varistor, TVT, NTC, PTC, PPTC, Thinking.
- Sensors (Pressure, Temperature, Humidity, Position and Piezo Accelerometer), Betatherm-MEAS-TE
- SELF, Transformer, Talema, Easy-Magnet
- Time Frequency Solution (TCX0-OCX0) GreenRay
- Transient Voltage Suppression Diodes Protek, (Hirel)
- Resistors Film, Caddock (Hirel)
- Resistors Wirewound/Ceramic/Film, Arcol.
- Supercapacitors, Vinatech
- Shunt, Riedon
- Transistor NPN Fast Switching Semelab (Hirel)



\*Hirel: High Reliability Solutions for Defense, Aero and Space



**TECHNICAL EXPERT**

**CRITICAL AND CUSTOMIZED SOLUTION PROVIDER**

**FLEXIBLE LOGISTIC PARTNER**

**INNOVATION PROVIDERS**



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