



YOUR GATEWAY TO CRITICAL ELECTRONICS



DELIVERING EXPERTISE FOR HI-REL 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)

TEMPEST - Pluggable Filter Range



- Available in Single, Dual, & Quad Outlets, plus an additional In-Line series
- Insertion loss - 60dB from 100kHz to 1GHz

EMP, TEMPEST & HEMP Filters



- Public service, utility or commercial applications....where EMP, TEMPEST or HEMP protection (to MIL-STD-188-125) is a requirement

TELEPHONE, CONTROL, DATA Line Filters



- EMC, EMP, TEMPEST installations
- Shielded rooms
- Tactical & mobile Comms shelters...

POWER LINE Filters



- EMC, EMP, TEMPEST installations
- Shielded rooms
- Tactical & mobile shelters Power & equipment cabinets...

FOCUS

Design & manufacture innovative, cost-effective, high performance EMI, EMC, EMP, LEMP, NEMP, HEMP, & TEMPEST filters and capacitors

QUALITY

90 years of experience in equipment and military vehicle applications
 EMC Compliance to DEF STAN 59-411 and MIL-STD-461 is mandatory.
 ISO 9001 certified , conformance to MIL-STD, all products CE marked, 100% EOL test.

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 YS Tech
- Inductors, Talema, Easy-Magnet
- LED, Optosupply, Lumex.
- LED Lighting solutions, Aveo Engineering
- 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 (TCX0-0CX0) GreenRay
- Transient Voltage Suppression Diodes Protek, (Hirel)
- Resistors Film, Caddock (Hirel)
- Resistors Wirewound/Ceramic/Film, Arcol.
- Shunt, Riedon
- Transistor NPN Fast Switching Semelab (Hirel)



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

VISION 2023: SKY IS THE LIMIT



TECHNICAL EXPERT

CRITICAL AND CUSTOMIZED SOLUTION PROVIDER

FLEXIBLE LOGISTIC PARTNER

INNOVATION PROVIDERS





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