



# EMC shielding & instrumentation; thermal interfacing

## EMC Shielding materials

- Absorber materials
- FIP gaskets
- Conductive paint, kit, glue
- Conductive tape
- Conductive seals
- Conductive textile / yarns



## EMC components

- Feedthrough filters
- Data filters
- Tempest filters
- Display shielding
- Honeycomb vents
- Ferrites
- Cable shielding
- Fingerstocks
- Bellows



## Thermal interface materials

- Thermal pads
- Thermal paste
- Thermal potting
- Phase change materials
- Heatspreaders / graphite



## EMC and T&M instrumentation

- Radiated emission measurement
- Radiated immunity test
- Conducted emission measurement
- Conducted immunity test
- Power amplifiers
- EMC test tent



 Microwave absorber materials	 Test & measurement equipment	 EMI and EMC antennas and accessories	 EMC Test & measurement instrumentation	 Ferrite components & engineering kits
 EMI/RFI shielding PCBs & housings	 Mu metal	 Thermal interface materials & EMI/RFI shielding materials / components	 Digital data filters, shielded I/O, shielded (forensic) boxes	 EMC test & measurement equipment
 Electroformed metal bellows	 EMC tents & bags, metallised technical textiles and yarns	 EMC filters AC/DC, tem pest, feedthrough filters & capacitors		



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# We believe all technical designs can be improved

Every design involves a balance of factors such as quality and cost, size and functionality, weight and capacity, among others. Elincom helps you strike the right balance in this process, accelerating time-to-market and minimizing risks. Whether it's a standard or customized component, the solution is always tailored to your specific application.

- 1975 Established Elincom Electronics
- 2018 Acquired EEMC / EEMCCOIMEX
- 2020 Established Metric Injection Moulding Solutions (joint venture)
- 2022 Acquired HF Technology (EEMC)

- ✓ Technical support at the highest level
- ✓ Supplying directly from the source
- ✓ A deal is a deal!

 RFID readers & tags	 Light guides / led pipes	 Transformers, power supplies, electronic fuses, EMC filters	 Electronics and handheld enclosures	 Solid-state relays, hall sensors, magnetic sensors
 COB, SMD leds & lumi-switches	 AC/DC power supplies, DC/AC inverters, rectifiers, battery chargers	 Controls for Lighting & HVAC Electronic controls for (led-) lighting and smart buildings	 Heating elements & cabinet heaters	 Industrial cable connectors and chassis parts
 Automotive HV DC/DC converters, battery chargers	 LED engines & strips, LED controls	 Wire and cable connectors, magnetic connectors	 Buzzers, speakers, microphones, transducers, vibration motors	 Current transformers, hall sensors
 Systems housing 19" & IPC, backplanes, test extenders	 IEC inlet filters, EMC panel, chassis & feedthrough filters	 Bidirectional DC/DC converters, DC bus managers	 Primary & rechargeable lithium batteries	 Indoor and outdoor LED drivers, emergency lighting drivers
 Mechanical, pneumatic & vacuum test adapters	 RFID readers & tags	 Indoor & outdoor LED drivers, programmable, smart control	 Indoor LED drivers	 Braking resistors, energy storage modules
 Lenses, LED holders, LED connectors	 Battery chargers, AC/DC adapters, DC/DC converters	 Fuses, varistors, surge & overvoltage protection	 Custom electronic enclosures, plastic components	 Barcode scanners, scan engines
 AC/DC & DC/DC converters	 Relays, PIR motion sensors, micro switches, indoor solar cells	 EMC shielding products & materials, thermal interface materials	 Inductors, chokes	 Terminal blocks, pin headers, pogo pins
 Thermal printheads	 Toroidal transformers	 Heatsinks	 Industrial cabinet coolers, cabinet lighting	 Custom solar panels outdoor
 Rechargeable Li-Ion battery packs	 Opto relays & solid-state relays	 Li-Ion batteries & packs in hard cases	 Supercaps, lithium doped capacitors	 Signal LEDs, LED modules, backlights, smart sensors
 Inductors, common mode chokes, RJ & USB combo's				



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## Industrial Automation for Machine Manufacturers

### Power

- AC/DC power supplies
- DC/DC converters
- DC/AC invertors
- Bi-directional DC managers
- 24V UPS systems
- Transformers
- Electronic circuit breakers
- Fuses & fuse gear
- Current & voltage sensors



### EMC

- EMC filters
- AC & DC line filters
- Harmonic filters
- Motor coils
- EMC testing



### Energy

- Lithium battery packs
- Battery chargers
- Solar panels, rigid & flexible



### Connectivity

- Terminal blocks
- Power connectors
- Industrial connectors
- Waterproof connectors
- High voltage DC connectors
- Battery connectors



### Switching

- Solid state relays
- DC high voltage relays
- DC bus managers
- Regenerative break energy
- Brake resistors



### Thermal Management

- Heating elements
- Cabinet heaters
- Cabinet coolers
- Chillers
- Coolplates
- Heatsinks



### Auto ID / sensing

- RFID readers & writers
- RFID antennas
- RFID tags
- RFID shielding
- Barcode scanners



## Industrial Electronics for Equipment Manufacturers

### Power

- AC/DC power supplies
- DC/DC converters
- DC/AC invertors
- Transformers



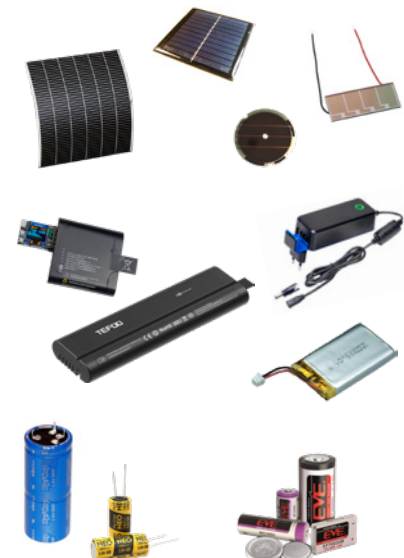
### EMC

- EMC filters
- Coils, magnetics
- Shielding materials
- EMC testing



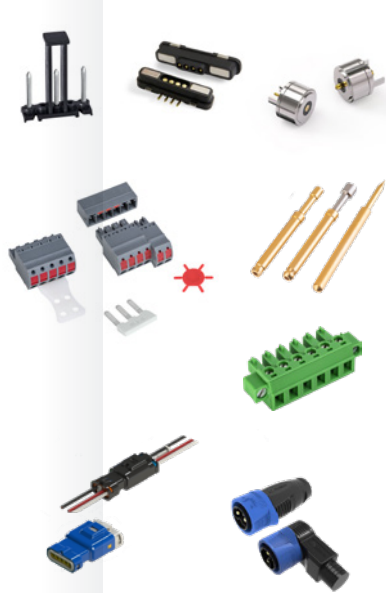
### Energy

- Lithium battery packs
- Battery chargers
- Primaire batteries
- Supercaps
- Indoor / outdoor solar panels



### Connectivity

- PCB connectors data & power
- Cable connectors data & power
- Waterproof connectors
- Magnetic connectors



### Switching

- PCB & plug in relays
- Solid state relays
- Opto relays
- High voltage relays AC & DC



### Thermal Management

- PTC heating elements
- Heatpipes
- Heatsinks



### Auto-ID / sensing

- RFID NFC readers / writers
- Transponders / tags / labels
- RFID shielding
- Barcode scanners
- Barcode label printheads
- PIR motion sensors
- VR tracking sensors



### Enclosures

- Electronics housing
- Handheld housing
- Custom housing
- Injection moulded parts
- Light pipes
- 19" systems
- Backplanes
- IPC housing



### Testing

- Test adaptors
- Test connectors
- Pogo pins
- Test power supplies



### Led Lighting

- COB / SMD leds
- Led engines / strips / panels
- Led drivers indoor / outdoor / emergency
- Smart controls
- Lenses / reflectors
- Led connectors
- Thermal management

