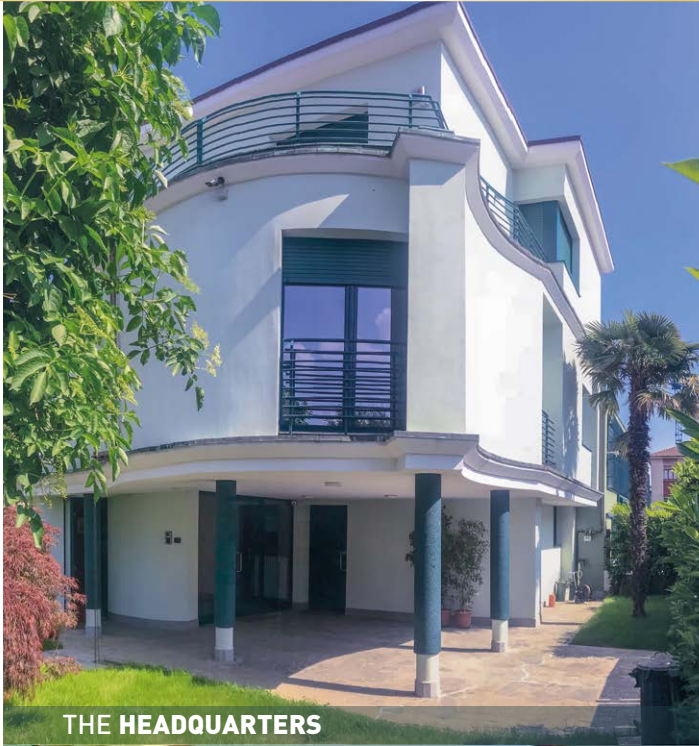


1981-2021  
**40°**  
ANNIVERSARY



EL.ITALIA SRL  
**PRODUCTS LINE CARD**





**THE HEADQUARTERS**



**THE WAREHOUSE**



## WHO WE ARE

El.italia srl is a company of sales technicians with their daily improving expertise considered as the key to manage at best the requests of a constantly evolving field.

The forty-year distribution activity is aimed not only at consolidating long-lasting partnerships but also at increasing and varying the offer thanks to the constant search for new sole partners.

Our business model focuses on products rather than brands and combines catalogue sales with specific services and tailor-made solutions sought on a case-by-case basis satisfying each customer.

If our offer flexibility and a complete range become our fast tracks to improve our growth, meeting all demands represents the ultimate goal of our business as well as the engine that pushes us never to stop.



## WHERE ARE WE GOING

We have been present since 1981 in the Italian industrial field thanks to our customers whose needs have constantly shaped our commercial initiative.

Today we keep assisting customers worldwide by showing them the easiest, fastest and safest way within the increasingly globalized and dispersive world of electronic components.

Relying on business experts means taking advantage of a practical and ensured service, actually removing any risk and waste of time.

Our goal is to gain your trust showing you our constant and necessary partnership.

**Set your destination and allow us to drive you in our long-term partnership!**



**FRANCO AND MAURO GIARDINELLI**

## OUR SERVICES

### CROSS REFERENCE



We carry out daily cross-reference activities to identify and propose alternative parts starting from the manufacturer codes so far used by customers.

### TARGET PRICE



By working exclusively on target prices, we ensure the best market price keeping high quality standards.

### SUPPLIERS SELECTION



We tailor our offer by selecting suppliers according to customers' supply needs such as quality and performance, international and industry certification.

### COMPONENTS SEARCH



We offer expertise and infrastructures for the search, selection and storage of hard-to-find components, assembled parts or finished products on behalf of customers.

### CUSTOMIZATION



We confidently manage designed articles and customizations. CAD design and modeling service can also be provided.

### ONE-STOP REFERENCE



As sole representative for multiple product categories, we independently manage the entire procurement process.

### "KIT" SUPPLY SOLUTIONS



By offering complementary products we are able to manage kit solutions with undoubted management advantages for the customer.

### TECHNICAL ADVISORY



Thanks to the experience gained from the most varied industrial sectors and the technical support of our partners, our product and design consultancy is our added value.





## HEATSINKS

- Standard Extruded Profiles
- Extruded heatsinks for PCB mounting
- Extruded heatsinks for lock-in retaining spring
- For LEDs
- Small, for D-PAK
- For DIL-IC, PLCC and SMD
- Finger shaped, Clip-On
- For PGA, BGA, Processors
- U-Extruded, Die-cast heatsinks, Fluid Coolers
- Pin & Push-Pin Types
- Ceramic Heat Spreaders
- Cooling Aggregates
- Bonded Fins Coolers & Welded High Performance

Extruded  
450+  
Profiles



## FANS AND BLOWERS

- DC Axial Fans & Blowers
- EC (AC to DC) Fans
- AC Axial Fans
- Centrifugal Fans & Blowers
- Waterproof Types
- Metal Finger Guards
- Plastic Filter Guards



## THERMAL INTERFACE MATERIALS

- Thermal Tapes
- Silicone-based Gap Fillers
- Silicone-free Foils
- Glass Fiber Foils
- Foam/Gel Foils
- Grease/Putty & Conductive Adhesives
- Kapton-based Insulator
- Washers/Foils Phase-Change Coated
- Graphite & Mylar Foils
- Mica Wafers
- Insulating Caps & Tubes for Transistors
- Aluminum based Foils & Wafers
- EMI Shielding Materials



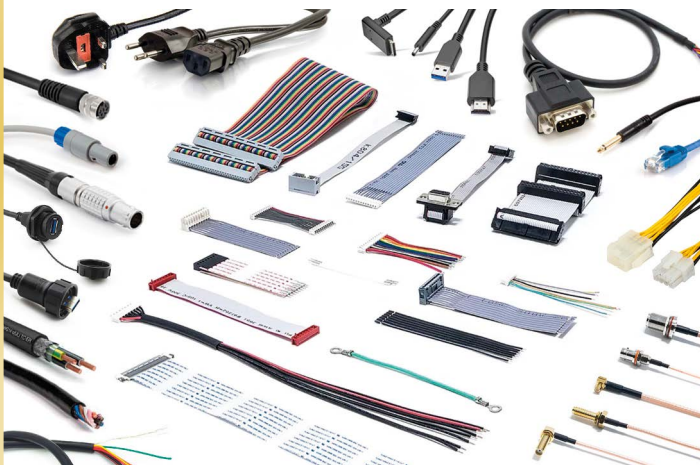
## CONNECTORS

### INTERCONNECTIONS

- PCB Interconnection System Connectors (Pitch 0.30 mm ~ 8.00 mm) Board to Board/Board to Wire/Wire to Wire/FFC-FPC/IDC/IC Sockets
- High Precision Contacts, Connector Sleeves, Jumpers, Solder Terminals, Test Points
- Pogo Pins & Magnetic Connectors
- SD/Mini SD/Micro SD/Compact Flash/SIM/PCMCIA/Multi-Memory Card Connectors
- LED Lighting PCB connectors
- DIN 41612 Connectors
- PCB Terminal Blocks & Feed-Through Terminals

### I/O CONNECTIONS

- Modular Jacks & Plugs
- D-SUB/CENTRONIC/USB/IEEE1394/DVI/HDMI/SATA/PCMCIA/V.35 connectors & Adaptors, Plastic & Metal Hoods
- DIN & Mini DIN Connectors, Phone & RCA Plugs & Jacks, XLR & MIC Connectors & Adapters, Banana Plugs
- DC Power Jacks & Plugs, AC Sockets & Power Outlets
- Coaxial: BNC, TNC, SMA, SMB, SMC, MCX, MMCX, N, UHF, MINI UHF, FME, F Connectors & Adaptors
- Rugged I/O: D-SUB, RJ45, USB, Mini USB, HDMI, Fiber Optical Plugs & Receptacles
- Push-Pull/Industrial/Military Circular Plugs & Sockets
- Heavy Duty Connectors
- Splicing Lock Lever & Building Connectors
- DIN Rail Distribution Terminal Blocks
- Solenoid (DIN) & Valve Connectors
- PV Solar Connectors
- Battery Modular & Automotive Connectors



## CABLES, WIRES, HARNESSES

- Wire Harnesses, FLAT & FFC Cable Assemblies
- FLAT & FFC Cables, Rainbow Wires
- Molded Cable Assemblies: Networking Cabling, DSUB & Centronic, USB, Ethernet, IEEE1394, DVI, HDMI, SATA, Optical Fiber, Coaxial, DIN & Mini DIN, Audio & DC Power, Waterproof/Sensor/Push-Pull Circular Connectors, OBD2 etc.
- AC Power Cords





## PUSHBUTTONS, SWITCHES

- Toggle Switches
- Joystick Switches
- Rocker Switches
- Slide Switches
- Push-Button Switches
- Rotary & Mini-Rotary Switches
- Thumbwheel & Pushwheel Switches
- Key-Lock Switches
- Tactile Switches
- Dip Switches
- Detector & Multi-Function Switches
- Led Tactile/Push Switches
- Waterproof Types
- Industrial/Miniature Microswitches
- Limit Switches
- Mechanical Position Sensors
- Magnetic Proximity Sensors/Switches
- Solenoid Valve Switches
- Antivandalic Switches
- Touch(Piezo)/Capacitive/Contactless Switches
- Industrial Control/Emergency Switches
- Pedal & Foot Switches
- Rotary Encoders/Potentiometers/Trimmers
- TFT/LCD Display Pushbuttons/Smart Encoders



Active  
60+  
Partners



## KEYBOARDS

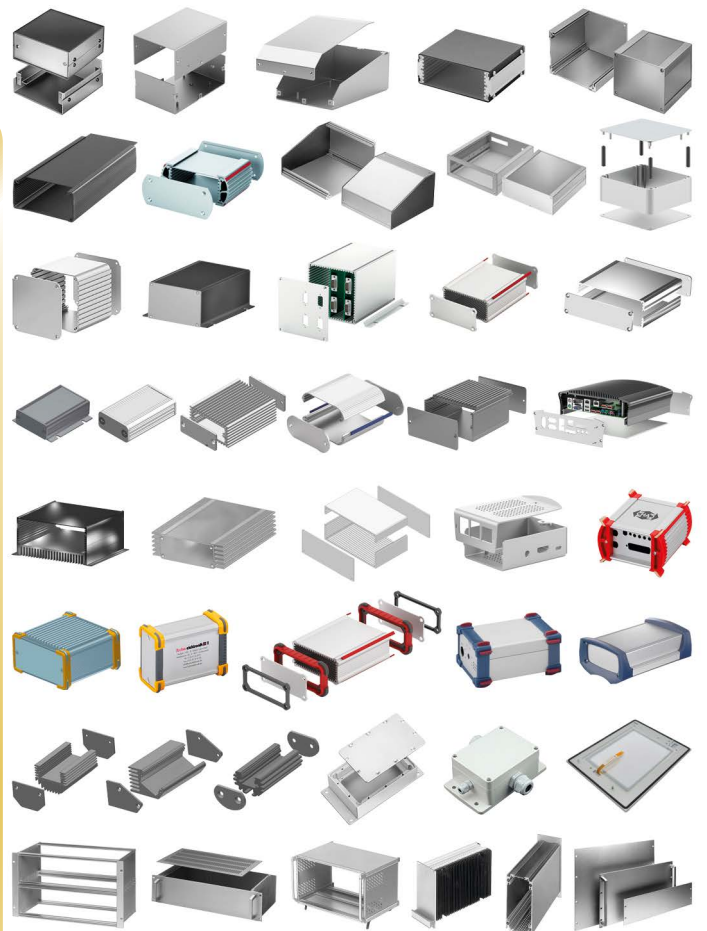
- Membrane Keyboards
- Silicone Rubber Keyboards
- Waterproof Plastic & Metal Keyboards
- Antivandalic & Military Metal Keyboards
- Backlighted Plastic & Metal Keyboards
- Piezo Metal Keyboards





## METAL ENCLOSURES

- Miniature Aluminum Cases
- Design cases (with colored plastic parts)
- 2-Parts Combination Cases
- Raspberry Cases
- Desk consoles & Shell Cases
- With Insertable Heatsink Modules
- With Embedded Cooling Fins
- For Flexible/Rigid LED Line Modules
- Tube Cases
- Waterproof Cases
- Rack Cases
- Front Panels
- Junction Boxes
- LCD-Screen Frames



## DESIGNCASE



## ELECTRONICASE



## PLASTIC ENCLOSURES

### by CARPENTRY

#### 100% CUSTOM DESIGNED DesignCase

- > Technical feasibility study on the basis of exposed needs
- > Proposal and realization of a preliminary drawing
- > Prototype and production batch quotation from the factory
- > Realization of the final CAD drawing after approval of the offer
- > Prototype delivery within 4 weeks
- > Production in 5 weeks

#### CUSTOM PRE-DESIGNED ElectroniCase

- > Choice from a selection of pre-programmed 3D models in plastic carpentry
- > Immediate quote after defining measures and any changes to be done with chosen model
- > Realization of the final CAD drawing after approval of the offer
- > Prototype delivery within 2 weeks
- > Production in 4 weeks

### by MOULD

- Waterproof Enclosures
- Desktop Enclosures
- Wall Mounting Enclosures
- Handheld Enclosures
- DIN Rail Industrial Control Enclosures
- Junction Electric Boxes

NO  
MOULD







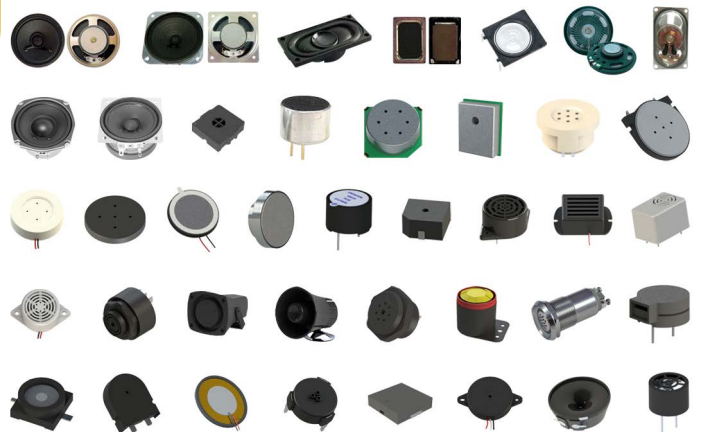
## OPTOELECTRONICS

- PCB LED Lamps & Light Bars
- SMD LEDs
- Infrared Leds, Photo Transistors, Photo Diodes & Interrupters
- Panel Mount Neon/LED Indicators
- Military & Night Vision LEDs
- LED COBs
- LED Digits/Dot Matrix/Light Bar Displays
- LED Holders/Housings/Arrays
- Light Pipes



## ACOUSTICS

- Magnetic/Mechanical/Piezo Buzzers
- Antivandalic Buzzers
- Ultrasonic/Magnetic/Piezo Transducers
- Loud/Mylar/SMD Speakers
- Microphones & Receivers
- Ultrasonic Sensors & Speakers
- Mid-Full Range Speakers, Woofers, Tweeters



## CIRCUIT PROTECTION

- NTC/PTC Thermistors
- Polymer PTC Resettable Fuse
- Temperature Sensors
- Metal Oxide Varistors
- Gas Discharge Tubes
- ESD (Electrostatic Discharge) Suppressors
- TVS (Transient Voltage Suppressor) Diodes
- Spark Gap Protectors



## FUSES, FUSE HOLDERS

### FUSES

- Cartridge Fuses
- Radial Leaded/Pico Fuses
- Automotive Fuses
- Aerospace Fuses
- SMD/Chip Fuses
- Thermal Cutoffs Fuses

### FUSE HOLDERS

- PCB Fuse Boxes/Blocks/Clips
- Panel Mount Fuse Boxes
- In-Line Fuse Holders
- Illuminated Fuses

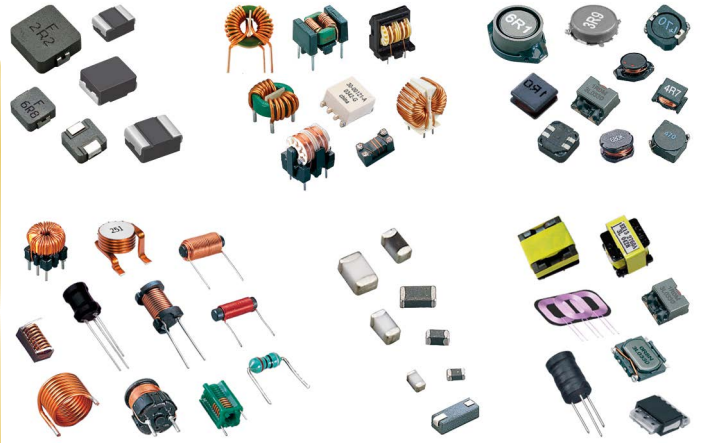






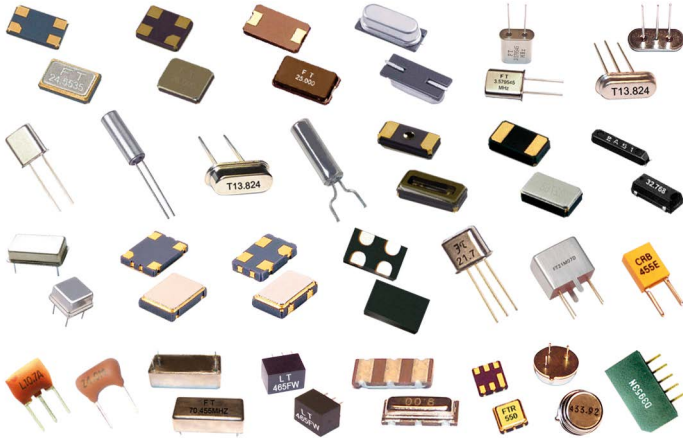
## COILS, INDUCTORS

- Common & Power Molded SMD Choke Inductors
- Ferrite Based SMD/THT Power Choke Inductors
- Multilayer SMD Beads & Inductors
- Basic High Current THT Choke Inductors
- Toroid Power THT Choke Inductors
- RF (Resonance Frequency) THT Coil Inductors
- Wireless Charging Coils



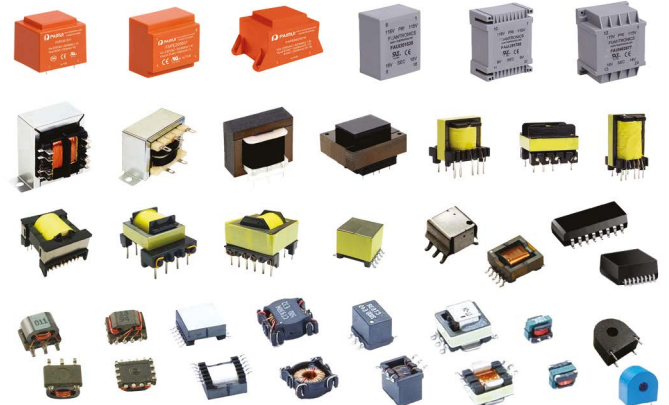
## FREQUENCY CONTROL

- Quartz Crystal SMD/THT Resonators
- Quartz Crystal SMD/THT Oscillators
- Quartz Crystal SMD/THT Filters
- Ceramic SMD/THT Resonators & Filters
- Silicone Programmable SMD Oscillators
- SAW (surface acoustic wave) SMD/THT Resonators & Filters



## TRANSFORMERS

- Encapsulation Transformers
- Power Ferrite Transformers
- Audio Transformers
- Telecom Transformers
- Current Transformers
- Linear Transformers
- Toroidal Power Transformers
- Planar Transformers



## OTHER PRODUCTS

- Signal/Power/Automotive/Latching/Industrial Relays & Relay Sockets
- EMI/RFI line Filters
- AC-DC/DC-DC module-type Power Supplies
- LED/DIN rail/Switching enclosed-type Power Supplies
- Aluminum Electrolytic/Ceramic/Film Capacitors





## MOUNTING ACCESSORIES

- Mounting Material for Heatsinks & Connectors, Vibration Dampers, Solder Terminals
- Insulating Caps & Bushes for Semiconductors
- Retaining Springs for Transistors
- Test & Machined Pins, Connector Sleeves
- PIN & PCB Terminals, Copper Wiring Terminals
- PCB Supports, Distance Round/Threaded Spacers & Sleeves
- Knobs, Caps, Hole Plugs & Connector Covers/Boots
- Cable Ties & Wire Clamps, Cable Glands, Heat Shrink Tubes, Screw-On Wire Connectors
- Racks and Cases Accessories: Insert Modules, Guide Rails, Handles, IP/EMC Silicone Rubber Seals, Feet, Brackets, Plastic/Metal Fastenings
- Din Rails, Din Rail Clip Fastenings & PCB Carriers
- DIN Terminal Blocks Accessories
- Hand Crimping Tools & Crimping Machines

## INDUSTRIES



**Robotics  
& Automation**



**EMS**



**Railway**



**Test  
& Measurement**



**Lighting**



**Domotics**



**Automotive**



**Broadcast**



**CCTV  
& Security**



**Industrial  
control**



**Marine**



**HVAC**



**Telecom**



**Home  
appliances  
& White  
goods**



**Aerospace  
& Defence**



**Medical**







**EL.ITALIA**  
SINCE 1981 ELECTRONIC AND  
ELECTROMECHANICAL PARTS

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