



terminal blocks

www.EBYelectro.com

Tel: (516) 576-7777 • Fax: (516) 576-1414

The EBY Connection

Over 60 Years —

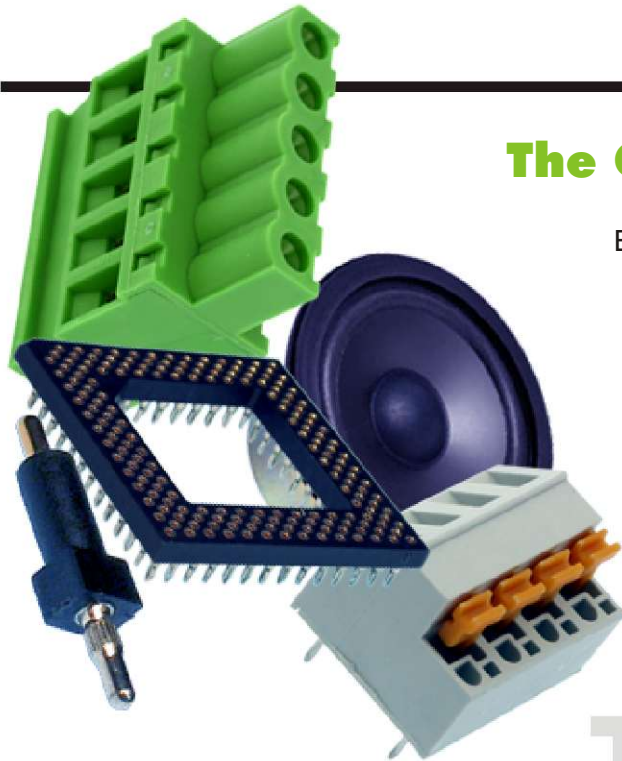
EBY Electro, Inc. has answered OEM production and service requirements since 1945 by supplying specialized components to fit a variety of unique projects and demanding schedules.

We are proud of our history of reliability and our worldwide reputation for on-time and on-budget delivery.



EBY Corporate Headquarters. New York, USA

- Custom Electro-Mechanical Component Design
- Advanced Manufacturing Techniques
- Fulfillment and Warehousing Capabilities



The Component Connection —

EBY specializes in the manufacture of :

- Terminal Blocks
- Specialty Connectors
- Screw Machined Connectors
- Audio Speakers

Through a forward-looking strategy of vertical integration, EBY consistently succeeds in offering *the lowest cost, highest quality* OEM components available.

Terminal Block
Connectors
Audio Speakers
Screw Machined Cor

Over 60 Years of Worldwide, World Class Service and Products



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The Right Connection —

THE EBY GROUP partners with our valued customers to insure that together we maximize the win-win and value of a strong relationship. We seek to understand your goals and will do everything possible to meet them.

EBY's dedicated global team, will diligently work to build a rewarding relationship that provides significant benefits for our customers.

Industries Served —

EBY provides a variety of components for many types of industries...

- Telecommunications
- Energy Management
- HVAC Controls
- Fluid Controls
- Home Automation
- Industrial Controls
- Security Products
- Instrumentation and many others...



The Global Connection —

Representative coverage in major global markets by experienced sales and engineering teams.

Our experienced associates can coordinate sales efforts globally for international concerns.

- North America
- China
- Taiwan
- Europe

EBY can coordinate whatever warehouse, delivery, fulfillment system is the right solution for our valued customers, including...

- Kanban Systems
- Bonded Inventory
- 3PL Warehousing
- Consignment



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The Manufacturing Connection

Facilities —

EBY's total solution — keeps all aspects of design, prototype, manufacture and QC under our control. Rapid, concurrent engineering and prototyping are all part of *EBY Fast Track* development for our customers.

Highest quality — at the lowest possible costs.

Our primary strategy — is to understand our customers' business. We can go beyond providing just a product — we can provide a solution.

EBY creates *value-oriented relationships* with our clients.



Key Strengths —

Complete Services

EBY brings a complete design to delivery service to OEMs around the world. Our strategic centers can provide an 'all under one roof' solution for your

- Design & Engineering
- Tooling / Molding
- EDM Machines
- Slow-Feed Wire Machine
- CNC Machines
- High-Speed Stamping
- Assembly / Finishing
- In-House UL Testing Lab
- Stringent Quality Control
- Laser Engraving
- Precision Grinding

In-House Tooling

Extensive on-site tooling reduces lead time and allows flexible, innovative production methods.

Injection Molding

At each step of the molding process, our fully equipped fabrication facilities keep production on schedule and costs under control.

Stamping Processes

Dedicated, high-speed stamping machines enhance efficiency and allow easy changeovers.

Assembly Facilities

EBY's fully integrated Assembly Facilities afford rapid, flexible production results.



Our facilities provide 'start-to-finish' production capabilities to provide your product exactly where and when you need it.



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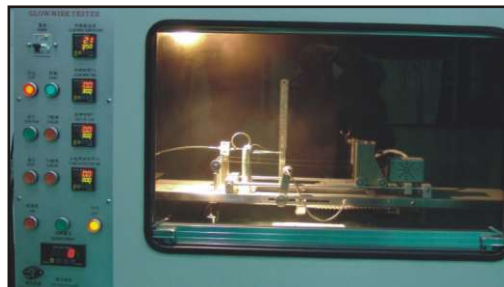
For Quality Product

Quality Control —

Our quality practices assure zero-defect, dock-to-stock shipments.

EBY's quality control department contains a complete array of testing equipment, allowing us to perform the following tests in-house:

- Glow Wire
- Wire Stress
- RoHS Compliance
- Color Measurement Spectrophotometer
- IEC Steel Ball Test
- Dielectric Withstand Voltage
- Drop Test
- Aging / Environmental Exposure
- Coating Thickness
- Carrier Tape Adhesion
- Vertical / Pull Force
- Steam Aging
- Micro-Hardness



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All Types of Terminal Blocks

RoHS+COMPLIANT

Standard and Custom Mini-Blocks



Excellent for Frequency and Ease of Mating / Unmating
PLUGGABLE MINI-BLOCKS

High-density *Depluggable Blocks* make your products more user-friendly and field serviceable...



Cage Clamp, Direct-Solder Terminal Blocks
CAGE CLAMP MINI-BLOCKS

Excellent in industrial applications with frequent wire installations...



Captive and Wire Ready Screw Options
BARRIER BLOCKS

Both dual and tri-barrier types available in a wide variety of spacings, terminations and screw configurations...



Flexible and Field-Cuttable
EUROPA STYLE

The international standard, the preferred choice for wire-to-wire connections...



Screwless, Spring Clamp Terminal Blocks
SCREWLESS BLOCKS

Fast, spring clamp termination — highly reliable, very economical...



Screwless, Pluggable Terminal Blocks
SCREWLESS-PLUGGABLE

Fast and secure wire termination with the ease of field service pluggability...



Modular or Molded to Size Wire Guard Blocks
WIRE GUARD MINI-BLOCKS

Cost-effective answers for light-duty wire termination requirements...

• A wide variety of spacings, colors and configurations are available for virtually any application.



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For All Industries



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EBY

Screw Machined Contacts

Preci-Dip Connectors —

Screw Machined Products

Preci-Dip's highly-automated, precision Swiss screw machining technologies produces a wide variety of components — from IC sockets using 3, 4 or 6 finger clips to headers and PGA sockets. Preci-Dip manufactures standard configurations as well as meeting custom requirements, such as; custom pin lengths, pick and place applications, surface mountable requirements and more.



Spring Loaded Contacts

Ideal for a wide range of applications from portable data acquisition units and mobile communication to medical and military equipment applications. Their unique, patented design combines a contact body, piston and spring to create a self-adjusting contact. They can be the perfect answer for many situations, establishing electrical continuity on virtually any surface including problematic vibratory environments.



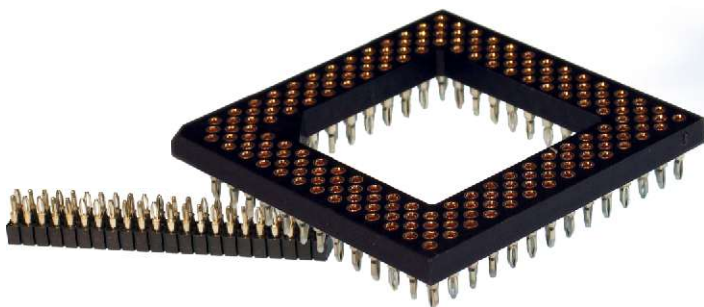
Press Fit

Preci-Dip has taken a proven solderless connection method and made it better. Over the years, their compliant pin, based on a modified “eye-of-a-needle” design has gained recognition for the following advantages:

- Larger tolerance acceptability
- Lower insertion force
- Lower mechanical stress on PCB
- No damage to PCB through-hole plating
- Gas-tight electrical connections
- Improved repair capabilities (Allows up to 3 insertion / extraction cycles)



Efficient, reliable and rapid connector assemblies —
PRECIP-DIP CONTACTS



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The Preci-Dip Connection

Precision Swiss Screw Machined Connectors —



Screw Machined Products

EBY is proud to represent the PRECI-DIP line of high-reliability Swiss Screw Machined Sockets, Spring-Loaded and Press-Fit components. Custom components, too.



preci-dip

- SPRING-LOADED CONNECTORS
- PAD CONNECTORS
- PCB CONNECTORS
- DIL / SIL SOCKETS
- PGA / BGA / PLCC SOCKETS
- SCREW MACHINED CONTACTS
- CUSTOM DESIGN



FROM
EBY ELECTRO

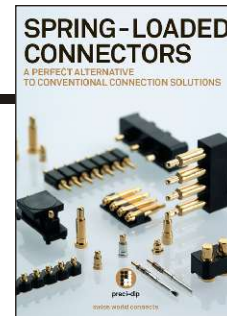
RoHS + COMPLIANT

- ISO 9001:2008 Certification
- ISO 14001:2004 Certification
- MIL-STD-790 Certification
- UL Certification (E174442)



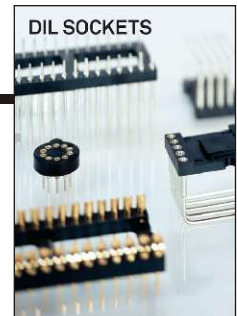
PRESS-FIT
TECHNOLOGY

A COST-EFFECTIVE ALTERNATIVE
TO SOLDERING PROCESSES



SPRING-LOADED
CONNECTORS

A PERFECT ALTERNATIVE
TO CONVENTIONAL CONNECTION SOLUTIONS



DIL SOCKETS



AS39029 (FORMER MIL-C-39029)
QPL LISTED
CONTACTS

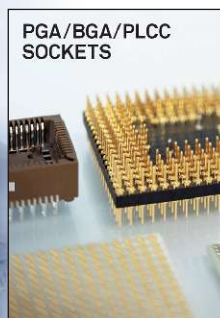
FOR HARSH ENVIRONMENTS
USING PATENTED REVERSED CLIP
TECHNOLOGY



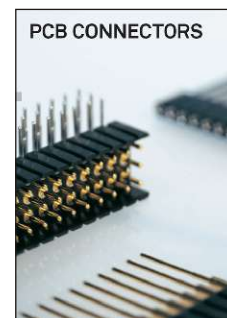
SPRING-LOADED
CONNECTORS



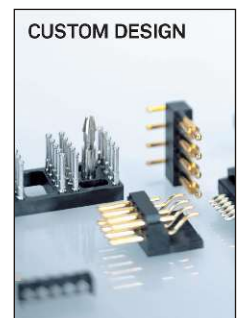
CONTACTS



PGA/BGA/PLCC
SOCKETS



PCB CONNECTORS



CUSTOM DESIGN

Swiss Screw Machined Components — Really Made In Switzerland!



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SPEAKERS for Manufacturers and OEMs

From Utility Speakers to High-End Audio Specifications

EBY Audio provides a wide range of speakers from simple, utility types to high-end consumer and specialty grades.

EBY Audio has supplied speakers to all types of industries throughout the world.

We can help at every step of speaker design, specifying & production —

- Speaker design service
- Speaker samples
- Speaker prototyping
- Rapid, quality production



Visit our website or contact us for further information — let us show you the EBY Advantage . . .

www.EBYaudio.com

Contact EBY

Find Out What We Can Do For You

EBY Electro, Inc. offers a variety of electronic component products, with an emphasis on terminal block manufacture and supply services. Headquartered in New York, USA, we maintain branch offices in the United Kingdom and Asia. In addition to our US and Pacific Rim manufacturing facilities, EBY Electro maintains strategically located warehouse and supply-coordination facilities throughout the world.

With more than 1,000 design, sales and manufacturing specialists, we pride ourselves for providing unparalleled, responsive support world-wide. At EBY, product and customer service are inseparable. We strive for the highest customer satisfaction and product quality.

Knowledgeable, experienced application engineers can be reached by telephone or email to discuss application and suitable technologies.

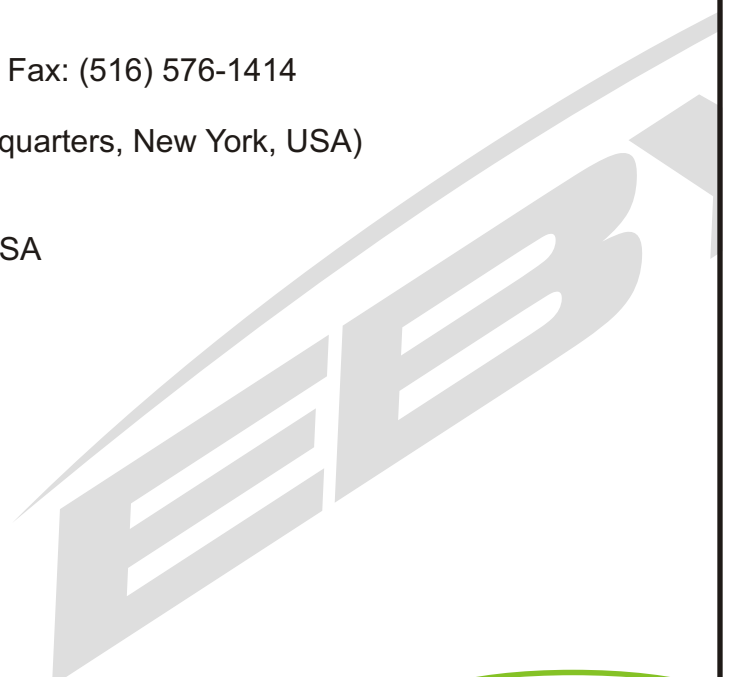
Please contact us for more detailed product information, samples, price and delivery quotations, or any other inquiries.

Our North American branch office can be reached at +1 (516) 576-7777 or via email, info@EBYelectro.com. Our mailing address is:

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