

Mill-Max Mfg. Corp. Company Overview



About Mill-Max Manufacturing



- Established in **1971** by Roger Bahnik
- 150,000 Square Foot Manufacturing Facility Located in Oyster Bay, NY
- Completely Vertically Integrated
- Capable of Producing **100 Million** Contacts Per Week



Oyster Bay, NY

[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

[Website](#)

[Catalog](#)

[Customers](#)

About Mill-Max Manufacturing



Machining



Electroplating



Injection
Molding &
Stamping



Contact
Assembly



Spring Coiling



Warehousing

All Under One Roof

What does this mean?

About Mill-Max

Our Specialty

Our Products

Website

Catalog

Customers

About Mill-Max Manufacturing

This means:

- Short Lead Times
- Fast Prototyping
- On Time Delivery
- Strict Quality Control
- Customization Made Simple
- Complete Control From Raw Material to Finished Product

In addition to:

- Excellent Sales Service
- Professional Technical Support
- Complete Network of Sales Representatives and Distribution
- Commitment to the Customer

[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

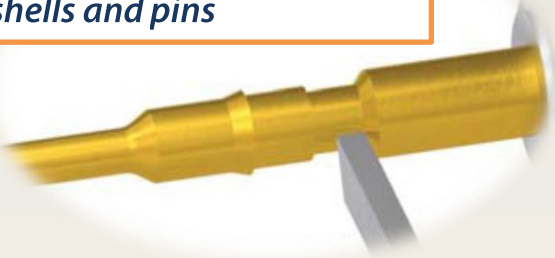
[Website](#)

[Catalog](#)

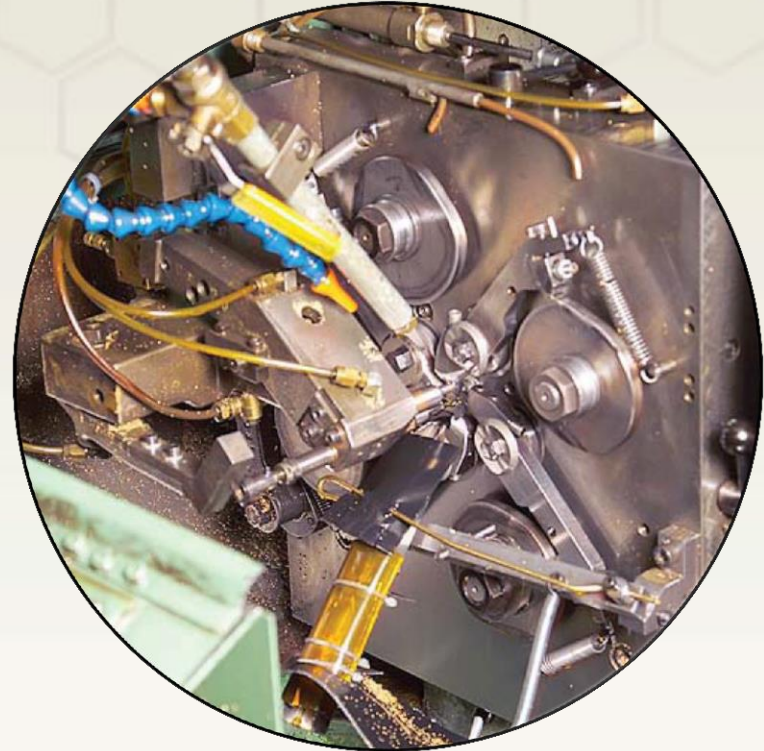
[Customers](#)

Our Specialty – Machined Pin Interconnects

*High speed, precision
turning of brass alloy into
shells and pins*



- Over **200** High speed Swiss Style screw machines
- Capable of holding precise tolerances, **+/- .0005"**
- Brass, Phosphor Bronze, and Tellurium Copper available
- From **.008"** to **.250"** pin diameters
- Custom designs welcome; **MOQ 1,000** pieces



[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

[Website](#)

[Catalog](#)

[Customers](#)

Our Products – Printed Circuit Board (PCB) Pins



Turret



Slotted



Bifurcated



Soldercup



Wrappost

Printed Circuit Pins are machined individual pins used for various plug-in applications and are functionally the dynamic building blocks within an interconnect system.

About Mill-Max	Our Specialty	Our Products	Website	Catalog	Customers
--------------------------------	-------------------------------	------------------------------	-------------------------	-------------------------	---------------------------

Our Products – Pin Receptacles



Multifinger Contact Features

- Multiple points of contact provide a reliable gas tight seal
- Wide pin acceptance range per contact
- Interchangeable contacts allow users to modify engagement forces or contact point
- Higher electrical connection reliability

Machined Shell Features

- Seamless construction offers protection from elements
- Tight tolerances, $\pm .0005''$
- Large variety of standard geometries and styles
- Easily customized - minimal tooling and setup cost
- Low 1,000 piece MOQ
- Appropriate for large or small volume requirements

Key Benefits

- Precision quality - for when a connection cannot be jeopardized.
- Solid and seamless precision machined turned bodies ensure air/water tight construction.
- Unsurpassed reliability and durability
- Total custom design compatibility

Receptacles are female connector components comprised of a machined outer shell and inner contact. They are designed for multiple mating cycles with a male pin or component lead.

[About Mill-Max](#)

[Our Specialty](#)

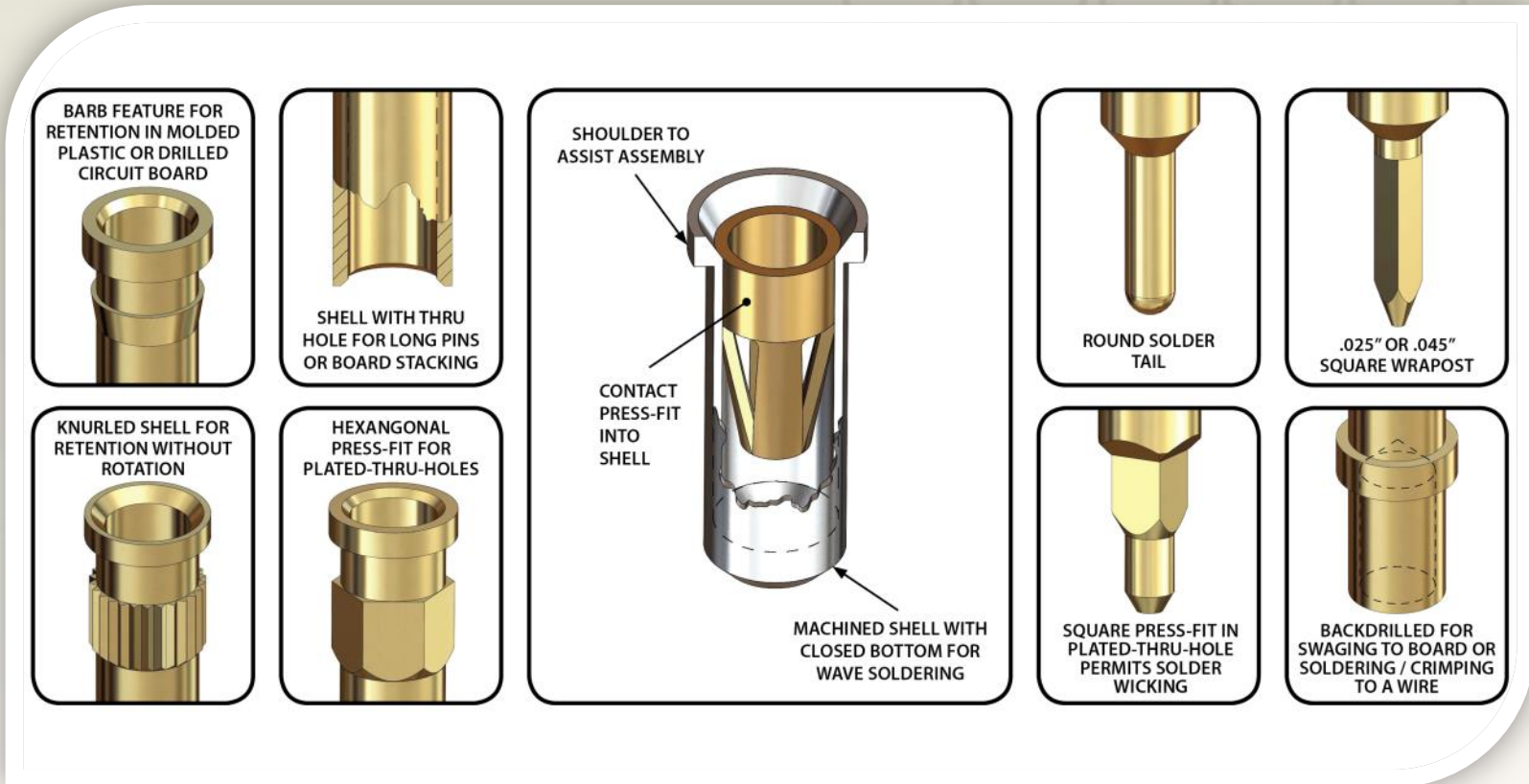
[Our Products](#)

[Website](#)

[Catalog](#)

[Customers](#)

Our Products – PCB Pins & Receptacles



Machined pins and receptacles are easily customized and available in many different styles for a multitude of applications.

[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

[Website](#)

[Catalog](#)

[Customers](#)

Our Products – Spring-Loaded (pogo) Pins

Spring-Loaded Pins are ideal for a wide range of applications, from portable data acquisition units and mobile communication to medical and military equipment applications. Their unique design can be the perfect solution for many situations where establishing an electrical path between mating points is a challenge, including problematic vibratory environments.

Typical Applications

- Uneven Mating Surfaces
- High Tolerance Stack-Ups
- Board-to-Board Stacking
- Blind Mate Connections
- Battery and Docking Station Applications



[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

[Website](#)

[Catalog](#)

[Customers](#)


Our Products – Connector Assemblies



Male Printed Circuit Board (PCB) Pins



PCB Headers and Interconnects



Pin Receptacles (Plugs, Jacks, Contacts)



IC Sockets



Spring-Loaded (Pogo) Pins



Spring-Loaded Connectors (SLC)

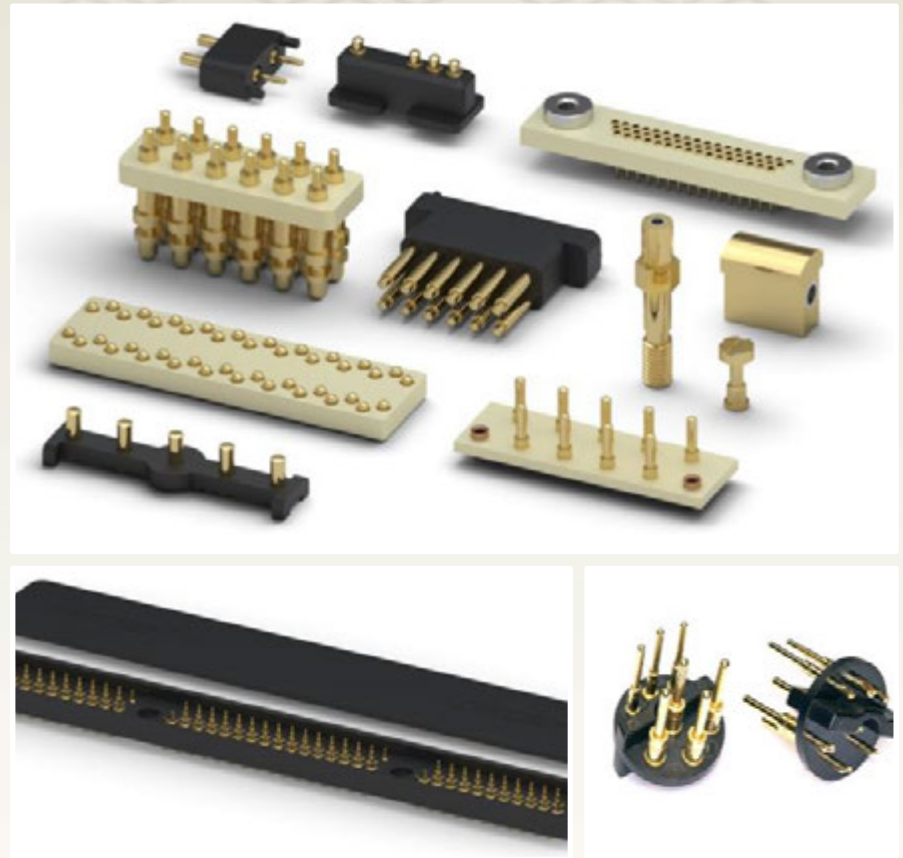
About Mill-Max	Our Specialty	Our Products	Website	Catalog	Customers
----------------	---------------	---------------------	---------	---------	-----------

Our Products – Customization

Mill-Max can customize pins, receptacles, spring pins and connector assemblies to customer's exacting needs.

We offer very fast turnaround on prototypes and custom configurations.

Mill-Max's utilization of FR-4 epoxy material in combination with standard pins/receptacles makes this kind of customization a quick and efficient process for both prototype and volume production.



[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

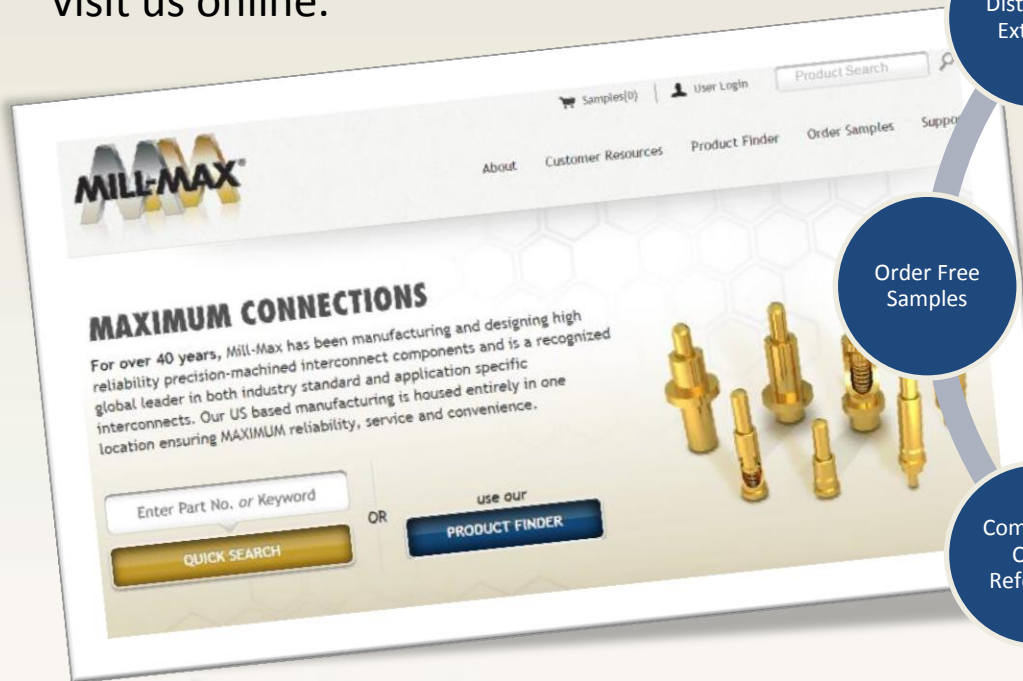
[Website](#)

[Catalog](#)

[Customers](#)

Mill-Max Website

For the latest products, specifications, or to search over 10,000 part numbers, visit us online.



- About Mill-Max
- Our Specialty
- Our Products
- Website**
- Catalog
- Customers



Mill-Max Catalog



CATALOG 19
**CATALOG 19
IS HERE!**
Click here for PDF
pages of Catalog 19.

[VIEW CATALOG](#)



- Available in Imperial or Metric
- Useful 'Quick Reference' guide
- Contains all relevant environmental data and certification
- Contains an index of all **standard** part numbers
- All pages available online at www.mill-max.com/catalog

Make sure you have the latest copy - #19

[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

[Website](#)

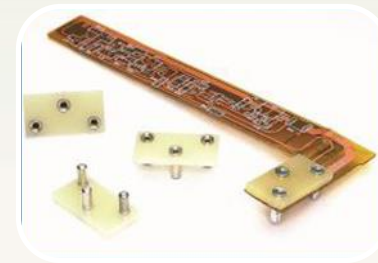
[Catalog](#)

[Customers](#)

Our Customers – Product Markets

Product Markets

- Automotive
- Backplanes
- Bar Code Scanners
- Batteries and Chargers
- CATV & Broadcasting Equipment
- Computers
- Connectors and Cable Assemblies
- DC/DC Converters
- Fiber Optics
- Industrial Controls
- Instrumentation
- Medical Cables & Equipment
- Networking Systems
- Power Supplies
- Sensors
- Smoke & Gas Detectors
- Switches
- Test Equipment
- Telecommunications
- And Many More...



[About Mill-Max](#)

[Our Specialty](#)

[Our Products](#)

[Website](#)

[Catalog](#)

[Customers](#)

Mill-Max Mfg. Corp. Summary

- High quality precision-machined product
- Flexible design capabilities
- Quick turnaround
- Responsive to customer's needs
- User friendly online catalog and website
- Solutions from prototype to production
- Mill-Max is your interconnect problem solver



MAXIMUM EVERYTHING.

mill-max.com | (516)922-6000

MILL-MAX MFG. CORP. - 190 PINE HOLLOW ROAD, OYSTER BAY, NY 11771