



**Neltron Industrial Co., Ltd.**

**THINK  
CONNECTORS.  
THINK  
NELTRON.**

**SMART** **4.0**  
**INDUSTRY**



[www.neltron.com.tw](http://www.neltron.com.tw)

**ISO  
9001**

**ISO  
14001**

**IATF  
16949**

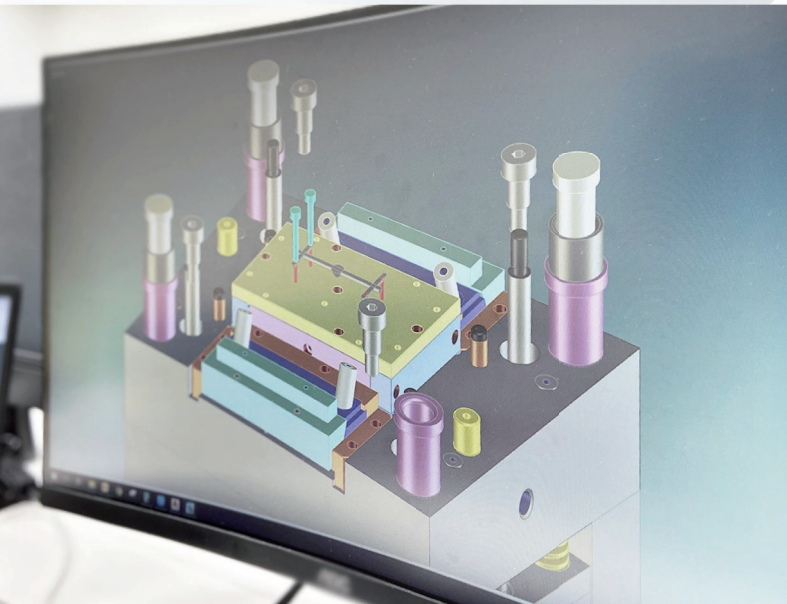
**2022**



**Neltron Industrial Co., Ltd.**

## Company Profile

Established in Taipei, Taiwan (1988), Neltron has become a dedicated specialist in the field of electronic connectors and tailored solution for customized connectors **over 30 years of experience**. Our strong designing capability has created a wide range of products that are well-recognized internationally. We respond fast, welcome and implement new ideas and consistently offer our customers flexibility and high quality service. Our competitive pricing made us an excellent choice with products **made in Taiwan**. At Neltron, we believe people matter, and committing fully to our customers and employees is the core of our business philosophy.



## Product & Development

Our production team and R&D department develop a wide range of connectors and cable assemblies for OEM and design-in projects.

- Strong 3D product design
- Internal tool design and manufacturing
- High quality injection molding
- Development, manufacturing and monitoring of high-performance production lines
- Automated cable and connector assembly

## Quality Monitoring

Our quality control system is strictly tailored and oriented with international standards as well as on the highest demands of the automotive, medical, industrial and communication industry.

- Zero-defect philosophy
- Total Quality Control System
- Production line monitoring by CCD

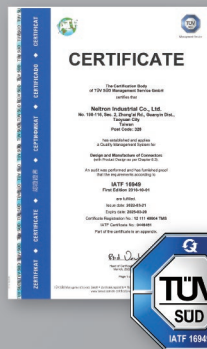
## Core Competence

-  **30+ YEARS** Over 30 years manufacture experience
-  Fully automated and optimized production line
-  Wide range of product series
-  Reliable and productive supply chain
-  In-house tooling and machining center
-  Professional engineering and technical support
-  Innovation and problem-solving driven R&D
-  Complete global certification
-  Worldwide distribution
-  Environmental awareness



## Certificates

- ISO 13485:2016
- ISO 9001:2015
- ISO 14001:2015
- UL E144392 (Connector)
- UL E239299 (Wire Harness - Component)
- UL E315658 (Wiring Material - Component)
- USB Revision 2.0
- SGS Test Certificate Approved for RoHS
- IATF 16949 - 2016 for Automotive



# Product Applications



Medical



Aviation



Connected  
Lighting



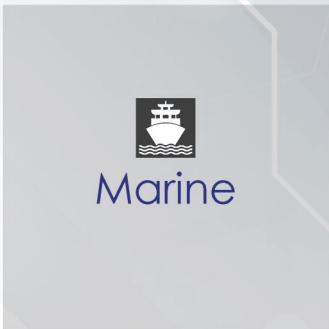
Industrial



Energy



Automotive



Marine



PC  
Motherboards

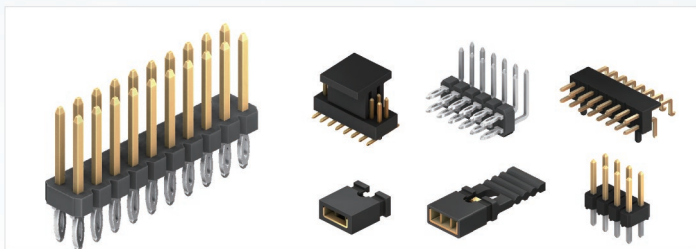


Tele/Data  
Com



Consumer

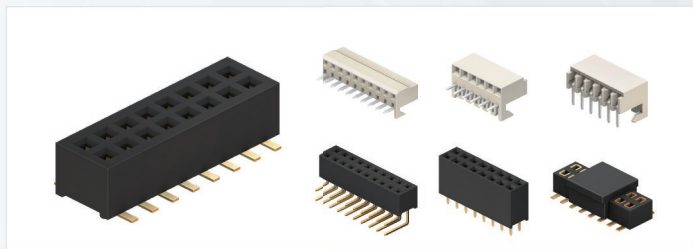
## Products Guide Tour



### Pin Header Series



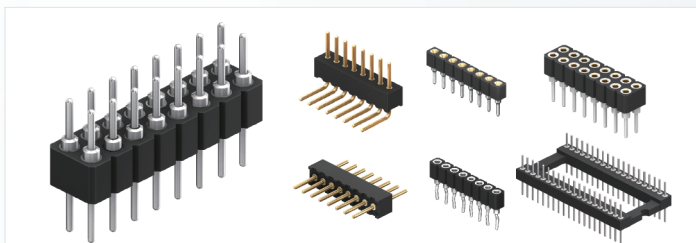
- 1.00mm to 2.54mm pitch
- Available in various post heights
- Termination: Surface Mount, Through-hole, Press-fit



### PCB Socket Series



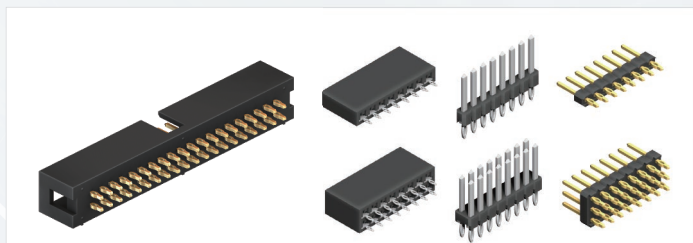
- 1.00mm to 3.96mm pitch
- Single, double and triple row up to 150 pins
- Termination: Surface Mount, Through-hole



### Machine Pin Series



- 1.00mm to 2.54mm pitch
- Single/ Dual row design
- Termination: Through-hole



### Pressfit Series



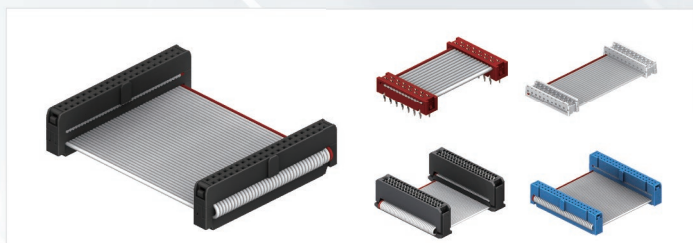
- 2.54mm, 3.50mm, 4.00mm pitch
- High retention force
- Reduces PCB and backplane damage
- Various Pressfit terminal designs available



### Box and Shrouded Header Series



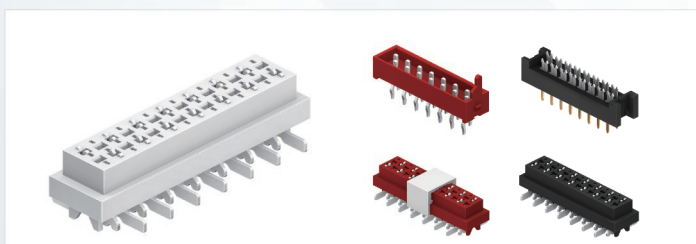
- 1.27mm, 2.00mm, 2.54mm pitch
- Polarization notch
- All common pin counts available from 4 to 64
- Termination: Surface Mount, Through-hole



### Flat Cable Assemblies



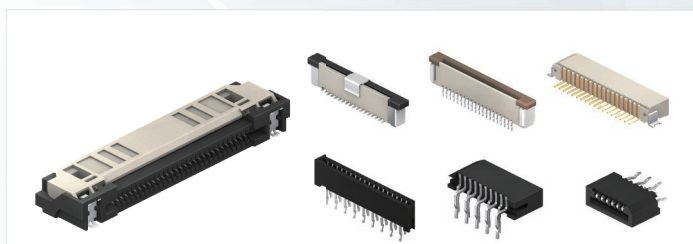
- Mating shrouded terminal strips and ejector headers
- Optional strain relief
- Polarization key
- Cable assembly as per customer specification



### IDC Series



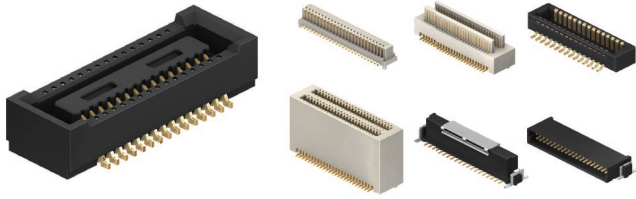
- 1.27mm, 2.00mm, 2.54mm pitch
- All common pin counts available from 4 to 64
- Termination: Surface Mount, Through-hole



### FPC Connectors



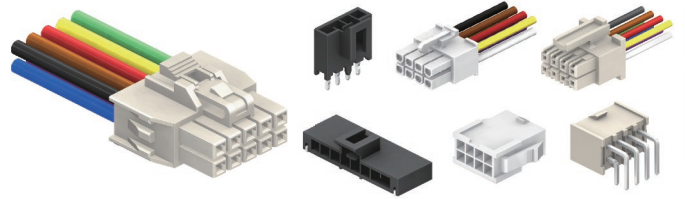
- Socket form 0.30mm pitch, upper and lower contacts
- ZIF, LIF or Auto-lock
- Transmission up to 10 Gbps



### Fine Pitch Board To Board Series



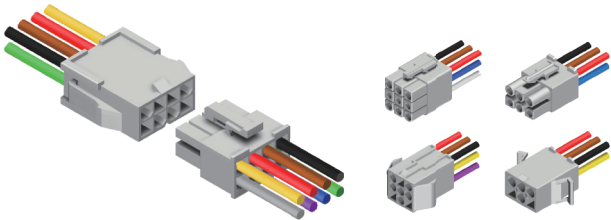
- 0.40mm to 1.27mm pitch
- Transmission up to 10 Gbps



### Wire To Board Locking Series



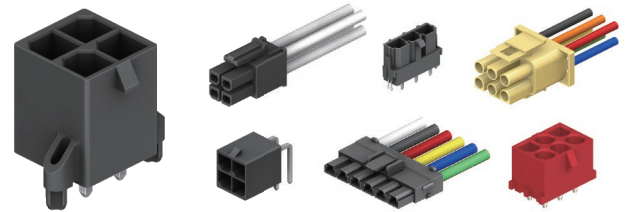
- 0.80mm to 10.00mm pitch
- Current rating from 1A to 48A
- 10 to 32 AWG Teflon® or PVC cable
- Termination: Surface Mount, Through-hole



### Wire To Wire Series



- 2.00mm to 10.00mm pitch
- Current rating from 1A to 48A
- 10 to 32 AWG Teflon® or PVC cable
- Cable assembly as per customer specification



### Power Connectors



- Current rating from 1A to 48A
- Latch locking system
- High power contact design available
- Polarized, single row double row design
- 10 to 32 AWG Teflon® or PVC cable



### M Series Connectors



- M5 to M20 series
- A, B, D and X Coding
- All common pin configurations available up to 14 pins
- Transmission up to 10 Gbps



### M Series Waterproof Cable Assemblies



- IP67/ IP68
- Screw/ Hook type locking available
- UV resistant cable for outdoor applications
- Cable assembly as per customer specification



### USB Type C Series



- Various soldering and mounting options available
- Transmission up to 10 Gbps and power transmission (USB PD) capability of 100w



### USB Standard Series



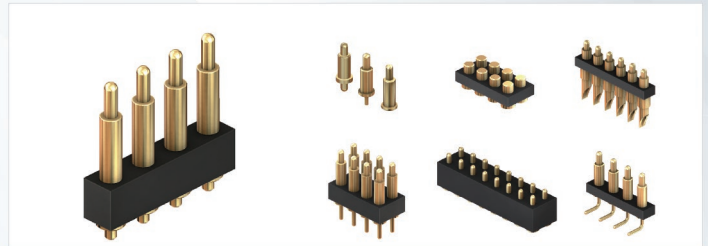
- USB Type A & B, Micro and Mini USB
- Various types, orientations, terminations



### D-SUB Series



- Right angle PCB, vertical PCB or cable mounted
- Standard, high-density and mixed-layout versions available
- Extensive range of backshells and accessory options available



### Pogo Pin Series



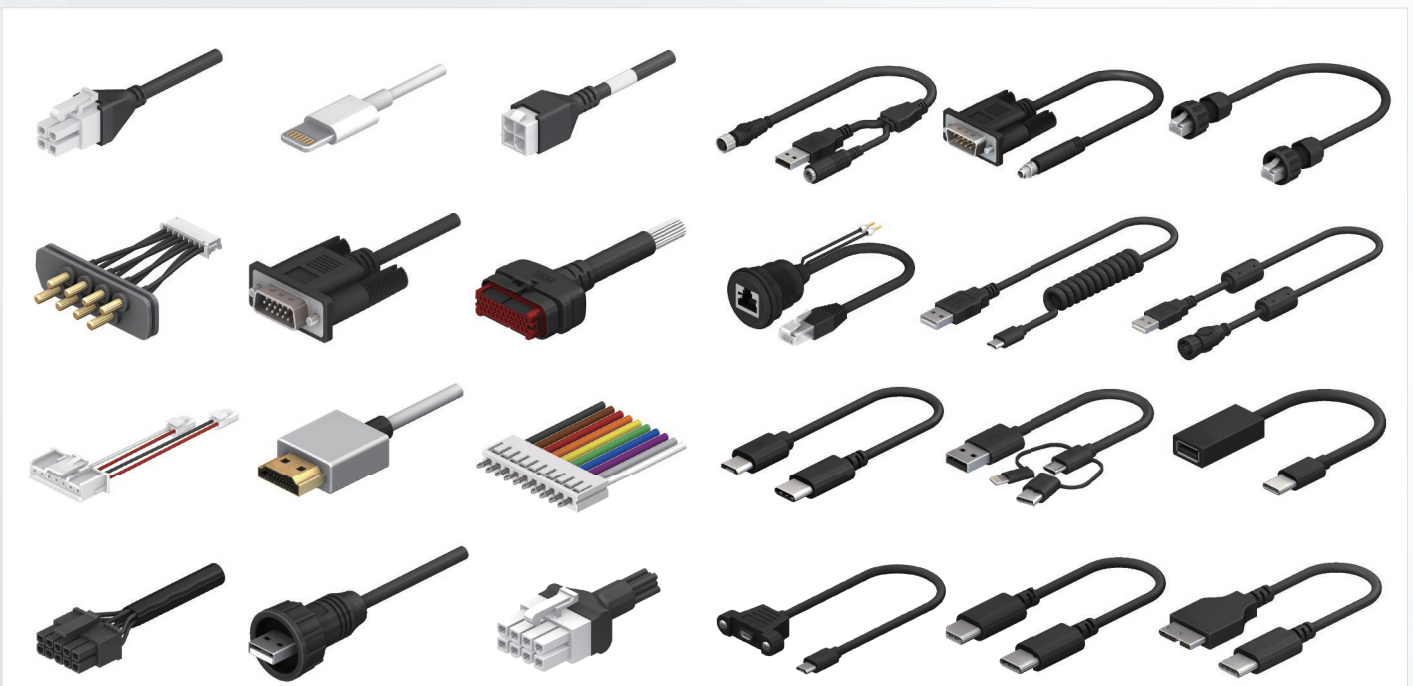
- 2.50mm, 2.54mm, 3.00mm pitch
- Long service time
- Available in double springs type, Through-hole type, SMT type, solder type
- Highly customizable options available



### Insert Mold Technology (OEM Request)



- Highly customizable options available
- Highly automated process control to ensure quality
- IP67/ IP68
- Rugged options available for harsh environment



### Wire Harness & Molding Cable Assemblies



- Highly customizable lengths and designs
- Design engineering and simplification available
- Power only and combination signal/power systems
- Designed and tested for harsh environment



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