

2026

NEW PRODUCT INTRODUCTIONS

Q2

creating connections for life

molex



molex

Discover Molex

Collaborating with companies to solve complex challenges, innovate faster and accelerate time to market is the foundation on which Molex is built. We work with the world's most innovative brands to provide cutting-edge connectivity solutions for the challenges posed by highly dynamic environments and evolving technologies. New product introductions play an essential role in achieving these goals.

CONNECT WITH US





New Product Introductions

This overview summarizes each new product introduction (NPI) package released in Q2 2026, highlighting new additions to the Molex portfolio and enhancements to established product ranges, and provides a preview of the Q3 2026 product roadmap. The links on each product page will take you to resources on [molex.com](#), including datasheets, videos and more.

USEFUL LINKS

Industries & Applications

Molex is driving innovation across a wide range of industries. View our industry pages to learn more about solutions for markets such as telecom, data centers, networking, industrial automation and more.

Trends & Insights

Get the latest insights on market shifts, trends and disruptive technologies that drive connectivity innovation in critical industry categories.

DISTRIBUTOR LINKS

Learning Locker

Learn more about our latest NPI releases with short online training videos, as well as a range of sales tools, presentations, videos and more.

MyMolex

Access our self-service platform to find pricing information, a product catalog and shopping cart, as well as a helpful, real-time chat feature.

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NEW PRODUCT INTRODUCTION:

Program Categorization

The future is rapidly evolving, from consumer devices and AI to industrial robotics. As industries deliver new functionality, innovation is found not only in the final product but also in the reinvention of the components within.

The NPI program is focused on releasing solutions that support the next era of applications. Over the last decade, we have launched and continue to enhance our NPI program that introduces new products for the general market. Each new release is categorized to show how it complements our product offerings, whether as an innovation, enhancement or extension.

Our Categories



INNOVATION

New to Molex or new to market



ENHANCEMENT

New variations of an existing product range



EXTENSION

Additions to complete an existing range



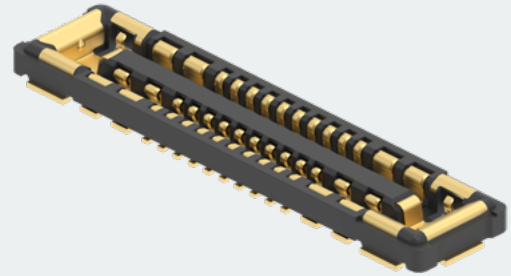


INNOVATION

VersaPower Connectors

SERIES

226276, 226277



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

Featuring a fine 0.30mm pitch and a compact mated height of only 0.60mm, VersaPower Connectors are a next-generation embedded connector system engineered to meet the demanding needs of modern electronics.

Product Highlights

- **High Performance:** Lower resistance decreases energy loss due to heat reduction and improves overall conductivity.
- **Compact and Robust:** The space-saving design delivers high durability to withstand shock, vibration and harsh environments.
- **Easy Assembly:** Larger alignment features enable fast, secure connections while streamlining manufacturing and maintenance.

FEATURES AND ADVANTAGES

Enhances electrical conductivity

Lower resistance minimizes energy loss by reducing heat generation

Improves manufacturing efficiency and product quality

Simplifies assembly and maintenance, decreasing downtime and production costs through the large alignment feature

Helps maintain stable performance in high-current and high-power environments

Designed to handle currents up to 15.0A, which helps prevent overheating and failures due to excessive current flow

Delivers high mechanical reliability

Withstands shock and vibrations, minimizing the risk of failures through the robust design

APPLICATIONS BY INDUSTRY



Appliances

Refrigerators
TVs
Washing machines



Automotive

Advanced driver-assistance systems
Car infotainment systems
Engine control units



Industrial Automation

Factory automation equipment
Robotic arms



MedTech

Diagnostic equipment
Patient-monitoring devices



Mobile Devices

Laptops
Personal computing devices
Smartphones
Tablets



Networking

Routers
Switches
Wireless access points

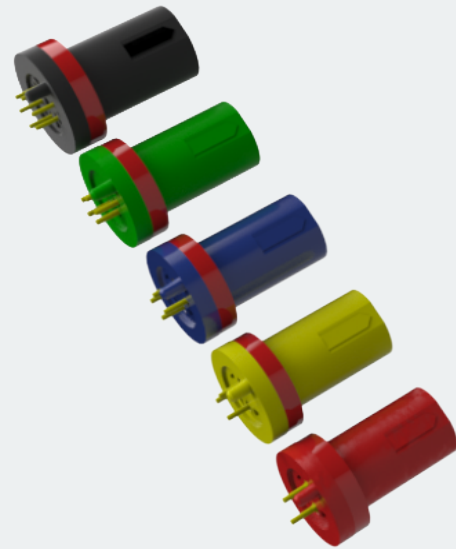


INNOVATION

MiniCirc Circular Connectors

SERIES

230030, 230031, 230032



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[VIEW PRODUCT RESOURCES](#)

The MiniCirc Circular Connector series delivers reliable performance for compact electric mobility and other space-constrained applications by combining stable electrical connections, rugged protection and a compact, easy-to-route design. Crimp-termination technology ensures consistent, vibration-resistant electrical performance without the variability of soldering, while the robust mating structure and IP68 sealing protect against water, dust and harsh outdoor conditions. These connectors provide a reliable, rugged and space-saving solution for next-generation mobility, robotics, consumer devices and more.

FEATURES AND ADVANTAGES

Provides clear tactile feedback when fully assembled

The buckle design ensures a firm and reliable mechanical lock, preventing accidental disconnection and securing proper mating.

Allows easy integration and cable threading

The connector's compact size reduces installation complexity by minimizing space consumption.

Provides easy mating and unmating

The color-coded arrow symbols offer easy identification of connector types to simplify assembly. The poka-yoke design helps prevent incorrect connections.

Helps simplify cable routing

The short-body design simplifies the process of threading connectors through narrow, angled or curved tubes in e-bikes and scooter frames by reducing connector length and bulk.

Provides optional sealing to reduce opening size in outdoor applications

The connector's circular design supports smaller, easier-to-seal openings, enhancing protection and durability in outdoor applications.

APPLICATIONS BY INDUSTRY



Agricultural Machinery

Harvesters
Irrigation system sensors



Automotive

Electric bikes and scooters
Golf carts
Quad bikes
Snowmobiles



Charging Infrastructure

Charging guns
Charging stations



Electrical and Power

Alarm systems
Lighting strings
Security sensors



Home Energy Storage

Batteries
Inverters

HVAC

Air conditioners
Heat pumps
Ventilation units



INNOVATION

Rely-On Connectors

SERIES

223936, 223937, 223938, 223939



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

Featuring a 1.00mm pitch, Rely-On high-performance wire-to-board connectors provide excellent durability, vibration resistance and stable signal integrity in harsh conditions.

Designed for space-constrained applications, these connectors support product miniaturization without sacrificing reliability. Their robust construction includes an innovative dual-split nail mechanism, increased solder contact area and a secure locking system that ensures strong PCB retention that helps prevent accidental disengagement from shock and vibration.

FEATURES AND ADVANTAGES

Offers exceptional space savings

The 1.00mm-pitch delivers reliable electrical performance in compact, space-constrained applications.

Delivers robust board retention to help avoid connector disengagement

The dual-split nail design in the vertical type and an increased solder contact area in the right-angle design help increase mounting strength.

Meets automotive industry standards

The connector complies with USCAR2 Class V1 and LV214 Class S1 standards for vibration and mechanical shock.

Affords high vibration and shock resistance

The narrow clearance and the stabilizer on the terminal deliver outstanding vibration control, while the tip shape maximizes the contact area and minimizes stabilizer deformation.

Provides a sturdy, user-friendly locking system

A large latch area improves locking operability, while two locking locations for higher circuit sizes increase security and help prevent connector breakage.

APPLICATIONS BY INDUSTRY



Appliances and Mobile Devices

Compact portable appliances
Smart speakers
Tablet PCs
Wearable devices



Automotive

USCAR

- Driver monitoring systems
- Heads-up displays
- Heated seat modules
- Interior lighting
- Interior rearview mirrors
- Steering wheels
- Taillamps and headlamps



HVAC

Air conditioners
Heat pumps
Humidifiers
Ventilators



Industrial Automation

Drones
Unmanned aircraft vehicles



INNOVATION

AirBorn SInergy Modular High-Speed Hybrid Connectors

SERIES

SRR, SVP, SVR, SCPP, SCRP, SCRR



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

AirBorn SInergy Modular High-Speed Hybrid Connectors enable up to 25Gbps per lane and 25.0A power delivery within a modular, customizable design. High-power modules integrate with signal and subminiature push-on micro (SMPM) RF contacts to provide a single, space-saving solution for aerospace and defense applications, qualified to MIL-DTL-83513 standards for reliable performance in demanding environments.

FEATURES AND ADVANTAGES

Reduces weight and saves PCB space

With a contact pitch of 0.80mm (0.0315") for signal contacts and 4.39mm (0.173") for SMPM RF and power contacts, the small form factor helps optimize contact density.

Minimizes footprint for compact designs

Power contacts support up to 25.0A in a MIL-DTL-39029 crimp/contact design, delivering reliable high-power performance in a miniaturized form factor.

Helps prevent connection failures in vibration- or shock-prone applications

Versatile locking, jacking and guide hardware options optimize mechanical alignment and mating security while securely fastening the connector to the PCB.

Enhances corrosion resistance and reduces the chances of signal failure

Robust 50-microinch gold interface plating and solderable termination plating improve durability and signal reliability.

Reduces board congestion, part count and assembly size

Interchangeable, molded insulator bays support contact type customization and position-by-position configuration, enabling signal, power and RF modules in a single interface.

APPLICATIONS BY INDUSTRY



Aerospace

Avionics
Drones
Full-authority digital electronics control systems
Head-up displays



Defense

Combat vehicles
Communications devices
Missile systems
Radar systems
Radio communication devices
Satellites



Space

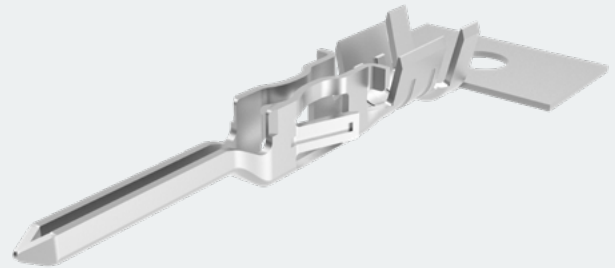
Cube satellites
Satellites
Vision/camera systems



ENHANCEMENT

Micro-Fit First-Mate-Last-Break (FMLB) Terminals

SERIES
43031



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

Design engineers often face challenges such as electrical arcing, inrush current during live mating, and poor grounding. These hazards can lead to component damage and safety risks during servicing. Systems may also need to be powered down to connect or disconnect cables.

Micro-Fit FMLB terminals address these challenges through built-in mechanical sequencing. The ground contact is longer, ensuring it mates first and disconnects last. This provides safer connections while reducing arcing and preventing damage. The result is improved reliability, enhanced operator safety and easier servicing in live environments.

FEATURES AND ADVANTAGES

Allows up to 2.54mm misalignment

The self-aligning feature is molded into the housings for blind-mating capability.

Offers header retention and strain relief options

Terminals are available with fitting nails and solderable clips.

Increases durability, supports ergonomics and provides user-friendly interfaces

These connectors offer reduced mating force terminals.

Provides excellent cost savings

These potting-capable solutions require no sealants and help reduce raw material costs.

Improves safety due to hot-mating compatible design

They are rated and designed for safe use in hot-plugging environments, helping engineers safely enable hot-plug connections by controlling circuit order.

Helps prevent connector damage

The FMLB option controls connection order to ensure grounding occurs first, followed by power and signal, with disconnection in reverse order to help minimize arcing and extend connector life.

APPLICATIONS BY INDUSTRY



Appliances

Freezers
HVAC systems
Printers
Refrigerators
Scanners
Security systems
Smart homes
Washing machines



Automotive

Harness manufacturers
Interior automotive devices
Non-sealed applications



Power for Data Center

Routers and switches
Servers
Storage systems

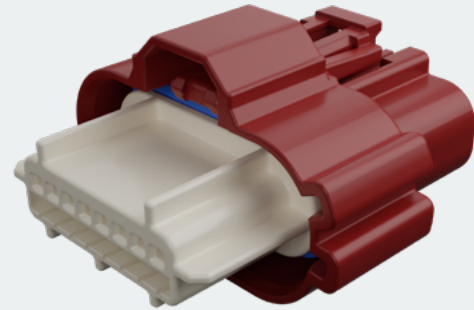




EXTENSION

Squba 1.80mm-Pitch Connectors - *Colors and CPA*

SERIES
204220, 204233



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

The Squba 1.80mm-pitch sealed wire-to-wire connector system now offers color mechanically keyed receptacle housings with built-in connector position assurance (CPA) for greater design flexibility across a wide range of applications. Color mechanically keyed housings help prevent mismatching in applications with multiple connections, while built-in CPA housings guard against accidental disconnection in rugged environments, reducing the risk of electrical failures.

FEATURES AND ADVANTAGES

Delivers reliable connections in high-vibration applications

The CPA helps prevent accidental disengagement or loosening that can occur due to vibrations or shocks during operation.

Helps ensure reliable HVAC performance and is suitable for wet conditions

These connectors meet the UL 1230 standard for resistance to moisture effects, helping prevent electrical hazards and maintaining performance in wet environments.

Provides connector stability and security while offering easy assembly

The latch design helps lock the connector in place, reducing the risk of disconnection.

Delivers an IP68-sealed rating

The sealed components help prevent water and dust ingress for reliable connections and proven performance.

Ensures proper alignment and mating

These connectors are colored and mechanically keyed for enhanced efficiency and reliability.

APPLICATIONS BY INDUSTRY



Commercial Vehicles

ATVs
Buses
Forklifts
Marine: under-das wiring, lighting
Recreational vehicles
Trucks



Connected Home

Home automation systems
Home health and wellness systems
Security and surveillance equipment
Smart appliances



Consumer

HVAC equipment
Home appliances
Landscaping equipment
Vending machines
Washing machines



Industrial Automation

Food processing equipment
Industrial controllers
Industrial machines and motors machines
Robotics



EXTENSION

M12 X-Code Cable Assemblies with Right-Angle Connectors

SERIES
120341



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

M12 X-Code Cable Assemblies with right-angle connectors support data rates up to 10Gbps and help simplify installation in tight or hard-to-reach spaces. Rugged, IP67-rated construction with EMI shielding ensures reliable signal, data and power transmission in harsh industrial environments. Available with RJ45 interfaces and high-precision options, these high-speed assemblies are ideal for space-constrained applications such as rail, robotics and industrial automation, delivering durable connectivity to support global manufacturing needs.

FEATURES AND ADVANTAGES

Simplifies installation

The quick-connect design reduces installation time, enabling rapid deployment.

Supports industrial automation and Industry 4.0 applications

These solutions support data rates up to 10Gbps, delivering fast and efficient data transfer for high-volume automated systems.

Streamlines upgrades and expansions

The standard M12 form factor simplifies upgrades and adaptations, reducing the cost of network expansions and minimizing downtime. Right-angle connectors enable horizontal cabling and high-density port usage, improving efficiency.

Enables use in challenging environments

These solutions are IP67 rated against dust and water ingress, permitting use in harsh environments while simplifying design and inventory management.

APPLICATIONS BY INDUSTRY



Agricultural Machinery

- Construction vehicles
- Forestry equipment
- Heavy machinery
- Mining equipment
- Onboard vehicle networking



Automotive

- Automotive manufacturing plants
- Industrial Ethernet switches
- Routers
- Smart warehouses



Industrial Automation

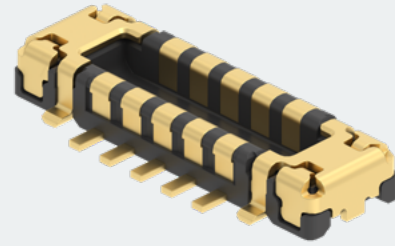
- Assembly lines
- Automated production facilities
- Automated warehouses
- Manufacturing facilities
- Real-time safety monitoring systems
- Robotics
- Vision systems



EXTENSION

SlimStack 0.35mm ACB6+ PCB Board-to- Board Connectors - *Adding 10 circuit option*

SERIES
216700, 216701



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

Now available with a 10-circuit option, SlimStack Board-to-Board Connectors, 0.35mm-pitch, 0.60mm-height, full-armor ACB6 Plus Series, deliver excellent performance with up to 5.0A power-nail and full-armor housing protection. With mating guidance and electrical contact assurance, these connectors ensure superior reliability in challenging applications.

FEATURES AND ADVANTAGES

Meets high power requirements in a compact package

The power nail structure enables delivery up to 5.0A for high-current demands.

Helps reduce housing damage during assembly and performs well in harsh environments

The full armor design protects the connector from environmental hazards.

Simplifies mating to improve efficiency and reduce housing damage

A wide alignment enables easier mating by guiding connectors into the proper placement, helping prevent damage.

Helps prevent solder wicking and interference for reliable connections

A nickel barrier separates the contact and solder areas between the terminal and nail to help prevent solder interference and maintain connection integrity. Gold flash on the plug nail and contact terminal further reduces solder wicking.

APPLICATIONS BY INDUSTRY



Consumer

5G and RF devices
AR/VR devices
Drones
IoT and smart home devices
Portable audio equipment
Portable navigation equipment
Smartphones
Tablet PCs
Wearable devices



Defense

Aircraft avionics
Unmanned vehicles



Medical Devices

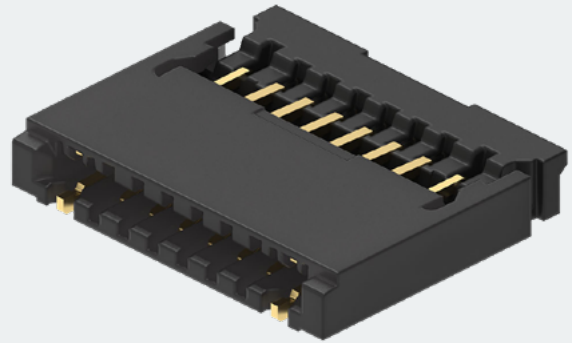
Patient-monitoring devices
Therapeutic and surgical equipment



EXTENSION

Easy-On FFC/FPC Connectors, FlatLock 65

SERIES
221377



[VIEW PRODUCT PAGE](#)

[VIEW PRODUCT RESOURCES](#)

Easy-On FFC/FPC Connectors, FlatLock Series, now offer a 0.40mm pitch and 0.65mm stack height option. This new configuration enhances the existing portfolio, providing greater flexibility for compact device designs.

As space constraints continue to challenge engineers, this extension delivers a low-profile, high-performance solution ideal for today's smaller, more demanding applications.

FEATURES AND ADVANTAGES

Includes backflip actuator with dual contact connection and pre-lock feature

Located on the anti-slip side, the actuator's wide depth offers dual-contact capability by connecting top and bottom surfaces. The pre-lock feature helps prevent the cable from slipping during assembly.

Ensures consistent and efficient performance throughout its life cycle

Endures up to 15 cycles of mating and un-mating, maintaining the reliability required for complex assembly procedures.

Fits into extremely tight spaces

With a low-profile height of 0.65mm/0.90mm, these connectors support compact designs, making them ideal for modern electronic devices and other space-constrained applications.

Supports 0.40mm/0.50mm pitch configuration

This series of connectors uses a common 0.40mm/0.50mm pitch in-line pad, delivering an effective solution for connectors and cables in small devices.

APPLICATIONS BY INDUSTRY



Appliances

Dryers
Ovens
Refrigerators
Vacuum cleaners
Washing machines



Mobile Devices

AR/VR devices
Drones
Gaming consoles and controllers
IoT and smart-home devices
Laptops
Smartphones and tablets



Wearables

Earbuds
Healthcare devices
Smartwatches

Off-The-Shelf (OTS) Cable Assemblies And Pre-Crimped Leads

Off-the-Shelf Cable Assemblies and Pre-Crimped Leads offer simple and cost-effective solutions for pre-production, prototyping and mass production requirements. These products are available for the most popular Molex connector families.

[VIEW PRODUCT PAGES](#)[VIEW PRODUCT RESOURCES](#)

ENHANCEMENT

High-Speed FAKRA-Mini (HFM) Off-the-Shelf (OTS) Cable Assemblies

SERIES
225775



High-Speed Mini-FAKRA (HFM) OTS High-Speed Cable Assemblies are standardized, automotive-grade, pre-terminated coaxial cable assemblies available in standard lengths. Designed to support agile development, they enable rapid prototyping and validation, helping accelerate testing, shorten lead times and reduce costs. By providing small-quantity, high-performance connection solutions, these cable assemblies simplify early-stage development and keep fast-paced automotive design programs on schedule.



EXTENSION

Off-the-Shelf (OTS) PowerWize BMI 3.40mm Cable Assemblies

SERIES
229449, 229450, 229451, 229452



PowerWize Blind Mating Interface (BMI) 3.40mm-pitch cable assemblies deliver up to 75.0A and support voltages up to 400V. The blind-mating interface, combined with two positive locking features, secures the terminal position assurance retainer, helping prevent crimp contacts from backing out during mating and un-mating.

These off-the-shelf assemblies are available in defined wire gauges and fixed cable lengths, and use PowerWize BMI connectors to support reliable, ready-to-use integration in power distribution designs.



Off-the-Shelf Pico-Clasp 1.00mm Pre-Crimped Leads

SERIES
231754, 231755



Pico-Clasp 1.00mm pitch pre-crimped leads provide a simple, cost-effective solution for pre-production, prototyping and full-scale production. Featuring a compact positive-lock wire-to-board system with inner and outer locking options, these leads deliver secure mating retention, low mating and un-mating forces, a space-saving design and support for automated SMT assembly across a wide range of applications.



Off-the-Shelf (OTS) CP-3.3 Receptacle Cable Assemblies

SERIES
231750, 231751



Designed to deliver up to 7.5A of current and support voltages up to 500V, these assemblies provide dependable performance for demanding applications. Improving creepage and clearance distances, these cable assemblies help reduce the risk of arcing, even in environments exposed to moisture or contaminants.

Ideal for applications where reliability and electrical safety are critical, CP-3.3 Receptacle Cable Assemblies offer a robust solution for consistent power delivery in challenging conditions.



Off-the-Shelf (OTS) Mini-Fit Sr. Pre- Crimped Leads

SERIES
231619, 231620

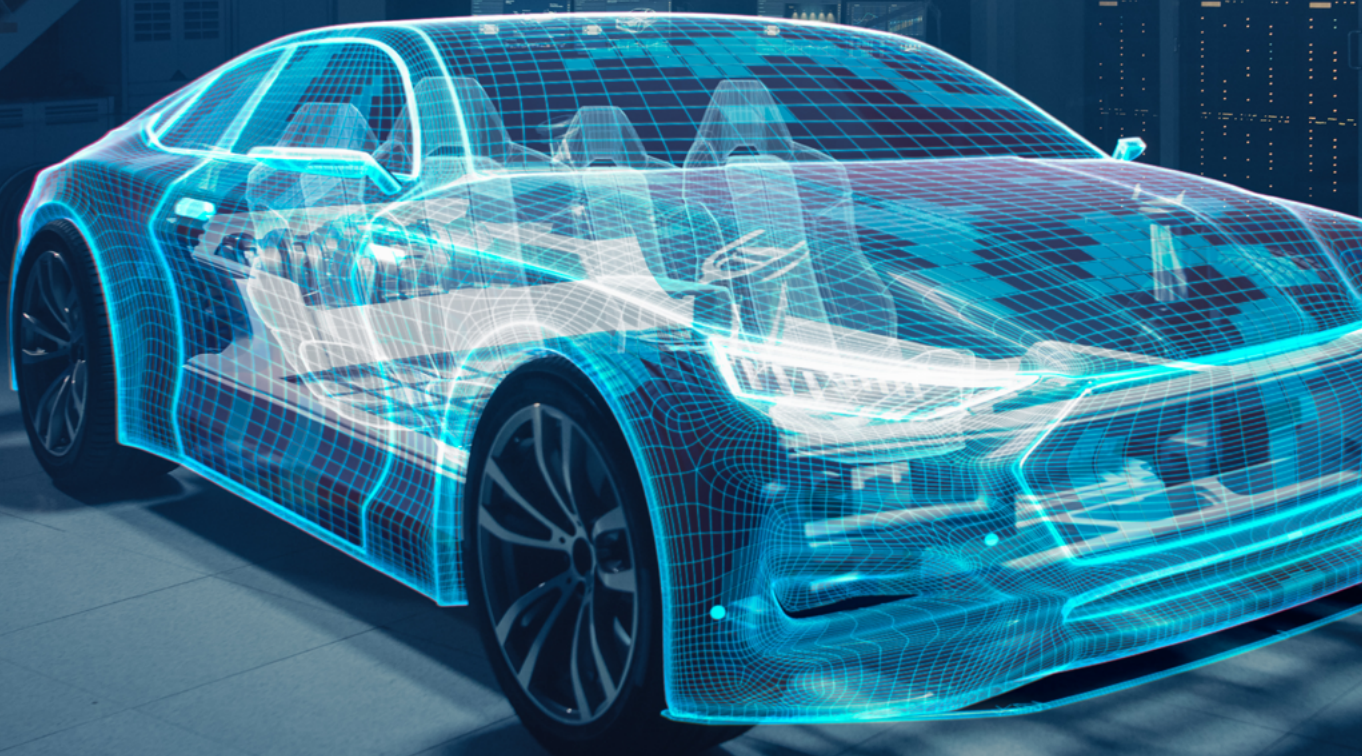


Pre-Crimped Leads are ready-to-use solutions that simplify assembly while maintaining high-current performance. Supporting power applications up to 50.0A, they provide a reliable option for both wire-to-wire and wire-to-board configurations.

Pre-crimped contacts reduce manual processing and accelerate assembly, while terminal position assurance and polarization features ensure secure, accurate mating. Together, these features support high-density designs without compromising performance.

Ideal for a wide range of industries, these solutions streamline production, improve reliability and reduce assembly time.

Automotive



MX-DaSH Modular Wire-to-Wire Connectors

KEY FEATURES

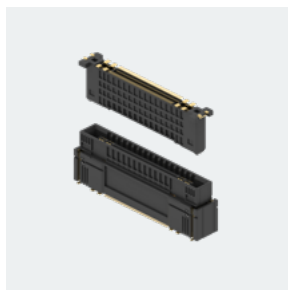
These solutions consolidate multiple connector types into a single housing.

ADVANTAGES

This design helps simplify wiring and harness architecture while improving flexibility, adaptability and scalability.

APPLICATIONS

Instrument panel-to-body, seat power and signal, zonal harness



ZN Stack 0.50mm-pitch Floating Board-to-Board Connectors

KEY FEATURES

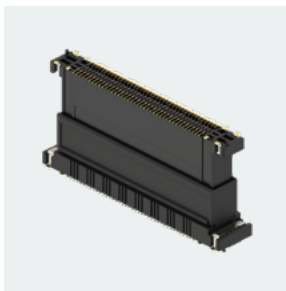
These connectors offer 10.00 to 30.00mm stack heights, 60 to 200 circuits and data rates up to 32Gbps.

ADVANTAGES

They address data processing, power distribution and system reliability demands in vehicle designs.

APPLICATIONS

ADAS, infotainment, zonal/high speed computing systems



Float Stack Automotive Board-to-Board Connectors

KEY FEATURES

Excellent anti-vibration performance, a high-current rating and multiple stack heights.

ADVANTAGES

Large floating range compensates for mating tolerance variations, enabling faster production.

APPLICATIONS

Battery management systems, DC-to-DC converters, inverters



DIN Rail Terminal Blocks

KEY FEATURES

These solutions include options for screw, spring and push-in wiring terminations.

ADVANTAGES

They offer safe and reliable power connectivity in a modular, scalable system.

APPLICATIONS

Plant electrical distribution systems



Mega-Fit ColorLock Connectors

KEY FEATURES

Their colored housings facilitate quick connector identification and ease of assembly.

ADVANTAGES

These connectors ensure proper mating during termination.

APPLICATIONS

Unsealed electronic control modules



USB Type-C Port-On Connectors w/Upright 24 Pin

KEY FEATURES

This product upgrade includes a new space-saving, slim-fit spring feature.

ADVANTAGES

Their flexible height and slim-fit spring feature help save PCB real estate.

APPLICATIONS

In-vehicle infotainment center stacks

Networking



Impulse 112G Backplane Connector System

KEY FEATURES

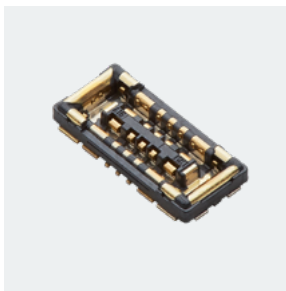
Their high-density design improves airflow and signal integrity.

ADVANTAGES

These solutions deliver high-speed data rates of up to 112Gbps in a modular and scalable backplane system.

APPLICATIONS

Data storage devices, routers, servers, switches



ChargeStack Connectors

KEY FEATURES

These connectors integrate power and signal contacts within a single footprint to maximize PCB space.

ADVANTAGES

Power and reliability are delivered in a compact, space-saving design.

APPLICATIONS

Gateways, hubs, modems, routers



Tower Accessories

KEY FEATURES

These weatherproof accessories enhance signal integrity while providing durability and flexible cable support.

ADVANTAGES

They enhance reliability and durability while simplifying inventory management.

APPLICATIONS

AM/FM radio systems, broadcast equipment, tower-based communications



Cardinal Wave High-Frequency RF Test Cables

KEY FEATURES

These cables provide a broader frequency range with a low-loss cable design.

ADVANTAGES

The combination of low insertion loss and exceptional VSWR delivers high-quality signal transmission.

APPLICATIONS

Microwave backhaul radios, test and measurement equipment



RF High-Frequency Right-Angle Precision Adapters

KEY FEATURES

The design streamlines cable management and withstands up to 500 mating cycles.

ADVANTAGES

Space optimization and signal integrity are enhanced in high-frequency applications.

APPLICATIONS

Microwave backhaul radios, test and measurement equipment



DIN Rail Terminal Blocks

KEY FEATURES

This update includes options for screw, spring and push-in wiring terminations.

ADVANTAGES

Designed for flexibility, the modular, scalable system provides safe and reliable power connectivity.

APPLICATIONS

Server cabinets



HF RF Precision Connectors and Adapters

KEY FEATURES

These solutions provide exceptional signal integrity.

ADVANTAGES

They provide a versatile, robust, compact high-frequency coaxial connection, are reusable, and easy to install.

APPLICATIONS

Test and measurement equipment



Mega-Fit ColorLock Connectors

KEY FEATURES

Their colored housings facilitate quick connector identification and ease of assembly.

ADVANTAGES

These connectors ensure proper mating during termination.

APPLICATIONS

Power supplies and distribution servers



USB Type-C Port-On Connectors w/Upright 24 Pin

KEY FEATURES

This update adds a new space-saving, slim-fit spring feature.

ADVANTAGES

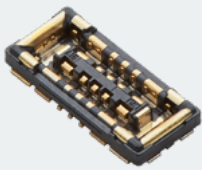
Their flexible height and slim-fit spring feature help save PCB real estate.

APPLICATIONS

Handsets



Appliances



ChargeStack Connectors

KEY FEATURES

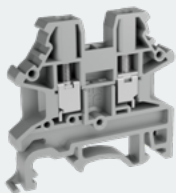
These connectors integrate power and signal contacts within a single footprint to maximize PCB space.

ADVANTAGES

Power and reliability are delivered in a compact, space-saving design.

APPLICATIONS

AR / VR glasses, smart phones and tables, wearables



DIN Rail Terminal Blocks

KEY FEATURES

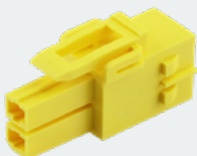
This update includes options for screw, spring and push-in wiring terminations.

ADVANTAGES

Designed for flexibility, the modular, scalable system provides safe and reliable power connectivity.

APPLICATIONS

Battery storage systems



Mega-Fit ColorLock Connectors

KEY FEATURES

Their colored housings facilitate quick connector identification and ease of assembly.

ADVANTAGES

These connectors ensure proper mating during termination.

APPLICATIONS

Dishwashers, dryers, HVAC equipment, refrigerators

Q3 2026 NPI Roadmap



USB Type-C Port-On Connectors w/Upright 24 Pin

KEY FEATURES

This update adds a new space-saving, slim-fit spring feature.

ADVANTAGES

Their flexible height and slim-fit spring feature help save PCB real estate.

APPLICATIONS

Smart home systems



CP-6.5 Panel Mount Connector System

KEY FEATURES

The addition of mounting ears enables panels to be installed with frames.

ADVANTAGES

It allows designers to standardize on one connector family for internal and panel-mount requirements.

APPLICATIONS

Dishwashers, dryers, HVAC equipment, refrigerators



MedTech



EasyLock D-Sub Connector Backshells

KEY FEATURES

The quick-lock mechanism enables fast, single-handed plugging and unplugging without the need for tools.

ADVANTAGES

Faster assembly times help reduce labor costs compared to existing plastic and metal D-Sub hoods.

APPLICATIONS

Diagnostic equipment, patient-monitoring equipment



USB Type-C Port-On Connectors w/Upright 24 Pin

KEY FEATURES

This update adds a new space-saving, slim-fit spring feature.

ADVANTAGES

Their flexible height and slim-fit spring feature help save PCB real estate.

APPLICATIONS

Electronic inhalers, blood pressure and glucose monitors



CP-6.5 Panel Mount Connector System

KEY FEATURES

The addition of mounting ears enables panels to be installed with frames.

ADVANTAGES

It allows designers to standardize on one connector family for internal and panel-mount requirements.

APPLICATIONS

Autoclaves

Aerospace & Defense





RF High-Frequency Right-Angle Precision Adapters

KEY FEATURES

The design streamlines cable management and withstands up to 500 mating cycles.

ADVANTAGES

Space optimization and signal integrity are enhanced in high-frequency applications.

APPLICATIONS

Military communications, radar systems, satellite communications systems



Cardinal Wave High-Frequency RF Test Cables

KEY FEATURES

These cables provide a broader frequency range with a low-loss cable design.

ADVANTAGES

The combination of low insertion loss and exceptional VSWR delivers high-quality signal transmission.

APPLICATIONS

Military communications, radar systems, satellite communications systems



EasyLock D-Sub Connector Backshells

KEY FEATURES

The quick-lock mechanism enables fast, single-handed plugging and unplugging without the need for tools.

ADVANTAGES

Faster assembly times help reduce labor costs compared to existing plastic and metal D-Sub hoods.

APPLICATIONS

Signaling systems, test and measurement equipment



HF RF Precision Connectors and Adapters

KEY FEATURES

These solutions provide exceptional signal integrity.

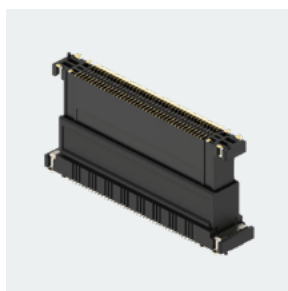
ADVANTAGES

They provide a versatile, robust, compact high-frequency coaxial connection, are reusable, and easy to install.

APPLICATIONS

High-frequency communication equipment, satellite communication systems

Industrial



Float Stack Automotive Board-to-Board Connectors

KEY FEATURES

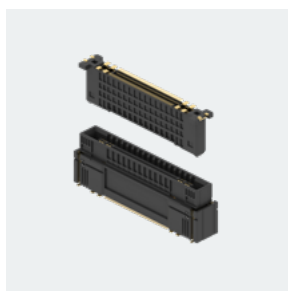
Excellent anti-vibration performance, a high-current rating and multiple stack heights.

ADVANTAGES

Large floating range compensates for mating tolerance variations, enabling faster production.

APPLICATIONS

Robot arms, SMT machines



ZN Stack 0.50mm-pitch Floating Board-to-Board Connectors

KEY FEATURES

These connectors offer 10.00 to 30.00mm stack heights, 60 to 200 circuits and data rates up to 32Gbps.

ADVANTAGES

They address data processing, power distribution and system reliability demands in vehicle designs.

APPLICATIONS

Factory automation



EasyLock D-Sub Connector Backshells

KEY FEATURES

The quick-lock mechanism enables fast, single-handed plugging and unplugging without the need for tools.

ADVANTAGES

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APPLICATIONS

Battery modules, CNC machines, control panels



DIN Rail Terminal Blocks

KEY FEATURES

This update includes options for screw, spring and push-in wiring terminations.

ADVANTAGES

Designed for flexibility, the modular, scalable system provides safe and reliable power connectivity.

APPLICATIONS

Control cabinets, distribution panels



Mega-Fit ColorLock Connectors

KEY FEATURES

Their colored housings facilitate quick connector identification and ease of assembly.

ADVANTAGES

These connectors ensure proper mating during termination.

APPLICATIONS

Automation equipment, lighting



CP-6.5 Panel Mount Connector System

KEY FEATURES

The addition of mounting ears enables panels to be installed with frames.

ADVANTAGES

It allows designers to standardize on one connector family for internal and panel-mount requirements.

APPLICATIONS

Industrial controllers



HF RF Precision Connectors and Adapters

KEY FEATURES

These solutions provide exceptional signal integrity.

ADVANTAGES

They provide a versatile, robust, compact high-frequency coaxial connection, are reusable, and easy to install.

APPLICATIONS

Automated test equipment

creating connections for life

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