A New Partnership Offering Powerful Interconnect Solutions for the Commercial Vehicle and Transportation Markets
Integral TPA (Terminal Position Assurance) assures that crimped terminal leads are properly locked into connector.

Pre-assembled connector housings and TPA components shipped in one-piece for labor and cost savings.

Integral, two-way matte seal on the mating connector on the mating connector designed and tested to IEC IP67 standards.

Two independent terminals (8 and 10-12 AWG) allow for the support of 30.0A applications with 10-12 AWG and 40.0A applications with 8 AWG.

MX150L™

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Industrial USB/Sealed RJ-45

- Bayonet or threaded-style latch provides quick and easy connection.
- Single and double-ended cordsets.
- Industrial USB fully shielded cable provides EMI/RFI protection.
- Industrial USB overmolded cordsets allow for faster installation on site versus field-wireable designs.
- Sealed RJ-45 meet Category 5e specifications for high-speed data transmission.

Self-Contained Power Connectors (SCPCs)

- SCPCs provide fast and easy connections of marine boat cable.
- Safe, easy to use, rugged connectors that will handle up to 20.0A.
- No special tooling necessary.
- SCPCs from Molex are UL listed, UL marine listed as well as CSA certified.
- Hermaphrodite design mates with itself so there is only one part to order.

Perma-Seal™

- Terminals and splices provide a rugged, environmentally sealed connection for wire sizes 8 to 22 AWG.
- NiAc™ insulation material shrinks up to 40% faster than comparable nylon or polyolefin products.
- Inner wall of heat-shrinkable sleeve is lined with melt adhesive.
- Upon heating, adhesive melts and flows under pressure from the tubing, filling any voids and creating a seal that repels moisture.

NMEA2000®

- NMEA2000 network allows multiple electronic devices to be connected together on a common channel for the purpose of easily sharing information.
- Two sizes of the connector may be used depending on the choice of heavy (Mini-C™) or light backbone cable (Micro-C™/Euro-C™).
- NMEA2000 network can accommodate navigation equipment, power generation, engines and machinery, piloting and steering systems, fire alarms and controls.

Solderless Terminals

- Available in a variety of carrier methods such as metal strip, mylar tape and molded continuous strip.
- Wide selection of tongue styles are available.
- A range of barrel styles available: butted and brazed seams, insulated and non-insulated.

Molex and Power & Signal Group are excited to announce a powerful new partnership.

As one of the largest interconnect manufacturers in the world, Molex has the product offering and expertise to meet and exceed the most demanding requirements of these markets.

As a Molex authorized stocking distributor, Power & Signal Group is able to provide both sales and technical resources for the Commercial Vehicle, Recreational Vehicle, Marine and Transportation markets as well as for the over 100,000 Molex products manufactured and sold worldwide.
Molex Industrial products offers the most complete interconnect solutions for the industrial market through our in-depth expertise, diverse product portfolio, advanced technologies and comprehensive design and engineering support.

**XRC™**
- Shell size 14 to 18 circuits
- Environmentally sealed to IP67 industry standard
- Used for in-line and panel mount applications
- Simple crimp-and-poke technology

**MX64™ Sealed Connector System**
- Meets all USCAR footprints and testing requirements for .064mm (.025”) pitch square pin connector systems for compliance with OEM directives
- Ability to accommodate Ford, GM or Chrysler approved female terminals allows for design flexibility
- Matte seal design eliminates secondary operation and costs associated with cable seals

**CMC**
- The system is modular so connectors fit in various order onto the headers
- Mechanical polarization to avoid mismatching
- 5 color codings available for an easy mounting on the headers
- Seal-healing effect after terminal repair operation (IP67 sealing class)
- Wire cap that can be fixed on both sides, right or left, allows for orientation of wires to prevent wire damage
- A gel pad keeps unplugged cavities closed for guaranteed water tightness and there is no need for blind plugs

**MX150™ Sealed Connector System**
- Pre-assembled connector housings, seals and TPA (Terminal Position Assurance) components for cost-savings
- Integral TPA assures that cramped terminal leads are properly locked into connector
- Integral two way, matte and interface seals designed and tested to IP67, SAE, USCAR-2 and Rev.3 standards
- Compatible with a wide range of UL (14 to 22 AWG) and SAE Automotive (14 to 22 AWG) style wires supporting a wide range of power and signal applications
- CPA (Connector Position Assurance) option to assure positive mating of connector and prevents accidental disengagement

**Stac64™**
- Vertical and right-angle 20-circuit headers feature 4 polarization options
- Modular housing design supports single and multi-pocket applications
- USCAR approved Category 0 (0.64mm), tin-plated pins meet mechanical and electrical requirements of USCAR-2, Class 2
- Unique, power hybrid pocket design supports industry standard 1.50 and 2.80mm (.059 and .110”) blade width terminals

**MX123**
- Multiple keying options
- Ground blade engages before signal pins contact
- CPA (Connector Position Assurance) remains in pre-lock position until cam assist lever arm is locked closed
- Connection system is validated to USCAR Class 3, Sealed
- Connection system is validated to on engine vibration profile
- Works with blind-mate products
Because of its long history and expertise in the transportation market, Power & Signal Group is the specialty distributor for Molex automotive products.

Copper Flex
- Switches and sensor assemblies
- Indicator panels with LED lights
- Flex is light and durable

Micro-Fit 3.0™
- 3.00mm (.118”) pitch
- Current rating up to 50.0A per circuit
- Wire-to-wire, wire-to-board and board-to-board configurations
- SMT, press-fit or Surface Mount
  Compatible versions available
- Fully polarized housings prevents accidental mis-mating

Mini-Fit® Products
- Mini-Fit Jr.™ is a high-current/high-density connector offering great design flexibility for wire-to-wire and board-to-board configurations
- Mini-Fit Plus HCS™ (High Current System) is capable of carrying up to 12.0A per circuit
- Mini-Fit TPA™ (Terminal Position Assurance) features a lock that allows terminals to be fully seated in the housing, assuring that they will not back out; CPA (Connector Position Assurance) lock also available
- Mini-Fit BMI™ (Blind Mate Interface) connectors are designed for applications requiring blind mating

MX150™ Unshrouded Breakaway Header
- Designed to be compatible with Molex MX150 connectors to accommodate wire-to-device applications
- Compatible with USCAR 1.50mm (.059”) specifications
- Unique breakaway design provides ability to break between rows and circuits

TM-3000™
- Accepts Molex FineAdjust™ and Mini-Mac™ applicators
- Also accepts most industry standard applicators
- Direct drive, split-cycle press accepts Molex air-feed applications for terminals mounted on tape
Power & Signal Group – Worldwide Connection Systems Resource

Power & Signal Group has been a global distributor of interconnect systems for the automotive and commercial vehicle markets for more than 25 years. From our North American headquarters, with sales and distribution centers also located in China and Germany, we provide global coverage to our customers – delivering product when, where and how it’s needed.

Our sales and technical services are focused on helping you to navigate the entire design process in order to get your products to market faster. We provide:

- Full range of application assistance – from concept to sustaining engineering
- Extensive wire and cable harness expertise
- Complete harness design “ready-for-market” review
- Manufacturing start-up analysis

Call on Power & Signal Group today for all your Molex product needs!

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