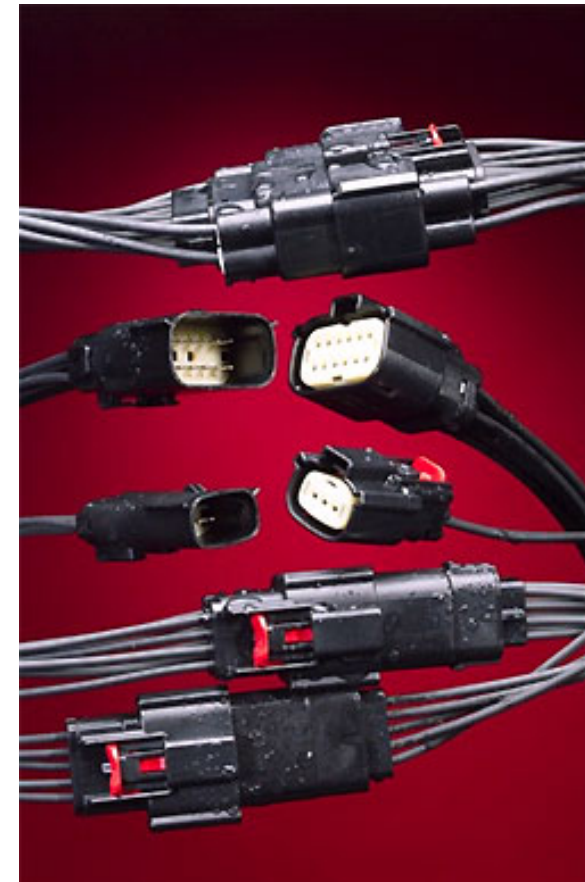


MX150 Connector System



- Developed for the transportation industry to stand up to the harsh environments which create mechanical stresses and extreme exposure to the elements
- Rugged sealed system
 - Up to 22 amps per circuit
 - 14-22awg
 - Up to 20 circuits per connector
 - Hybrid power options available
- Supports OEM requirements
 - High corrosion resistance
 - Ease of assembly
 - Reduction of OEM warranty issues
 - Meets USCAR II Class 3 & GMW3191 (GM)
 - Approved for Use at 11 Major OEM's Globally
- Since inception in 2003
 - 2 billion + terminals sold
 - 102 million + matte sealed connectors sold



molex

Features and Benefits



- **Superior Performance**
 - Superior electrical performance & reliability
 - IP67 & IP69K rated
- **Smaller**
 - Smallest 1.5mm sealed connector in the market
 - Low profile minimizes connector size
- **Easy to Use**
 - Product shipped in one piece
 - No loose parts to assemble – TPA, CPA seals etc...
 - Matte seal technology - no wire seal crimping
 - Four polarization options
- **Simple to service**
 - Needle nose pliers, standard screwdriver
 - Terminal extraction tool



Variations



- **Positive lock for connector mating assurance**
- **Loud audible click**
- **Sold with or without CPA**
- **Low applied cost solution: matte seal design vs. individual wire seal design**
- **Available in wire to board and wire to wire**
- **Pre-loaded TPA**

Sealing Strengths



Competition



No rear cap:

- When wires are pulled to the side, the seal has the potential to open which exposes the connector to leaks

MX150



With rear cap:

- Seals are imbedded inside the connector. The bend radius starts past the end of the seal to eliminate separation and leaks

Product Features

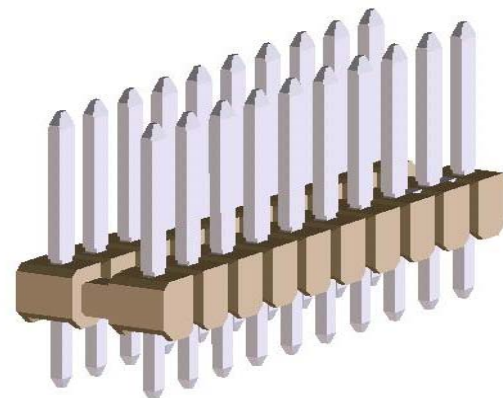
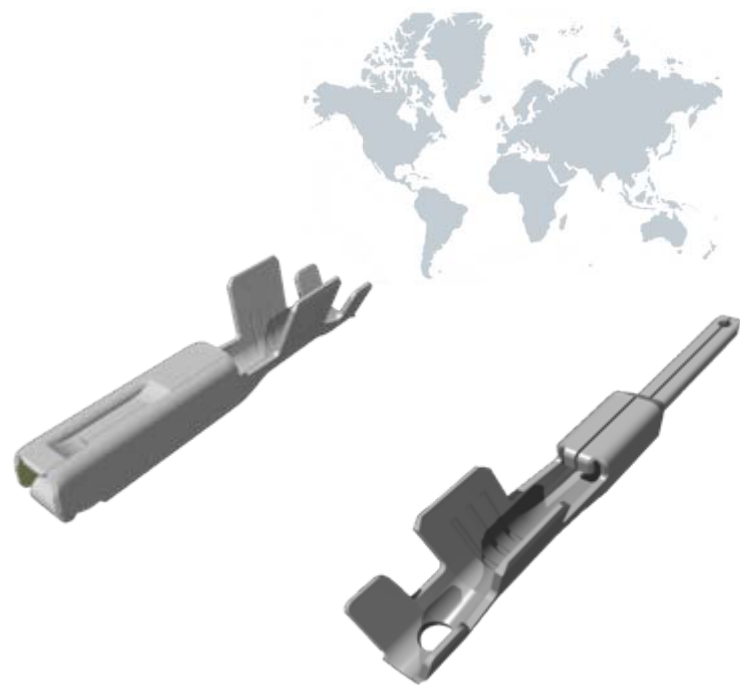
Terminal Design

■ Terminal design

- Engineered balance between opposing requirements
 - Low insertion force
 - Superior electric performance
 - Proven mechanical reliability
- Plating options
 - Tin (matte finish)
 - Gold (30 μ " min.)
 - Silver (semi-bright)

■ Breakaway header features

- Vertical configurations available
- Various circuit sizes (2-20) with optional voids, plating options (gold or tin) and mating pin lengths available.
- Rated for maximum 16A per circuit

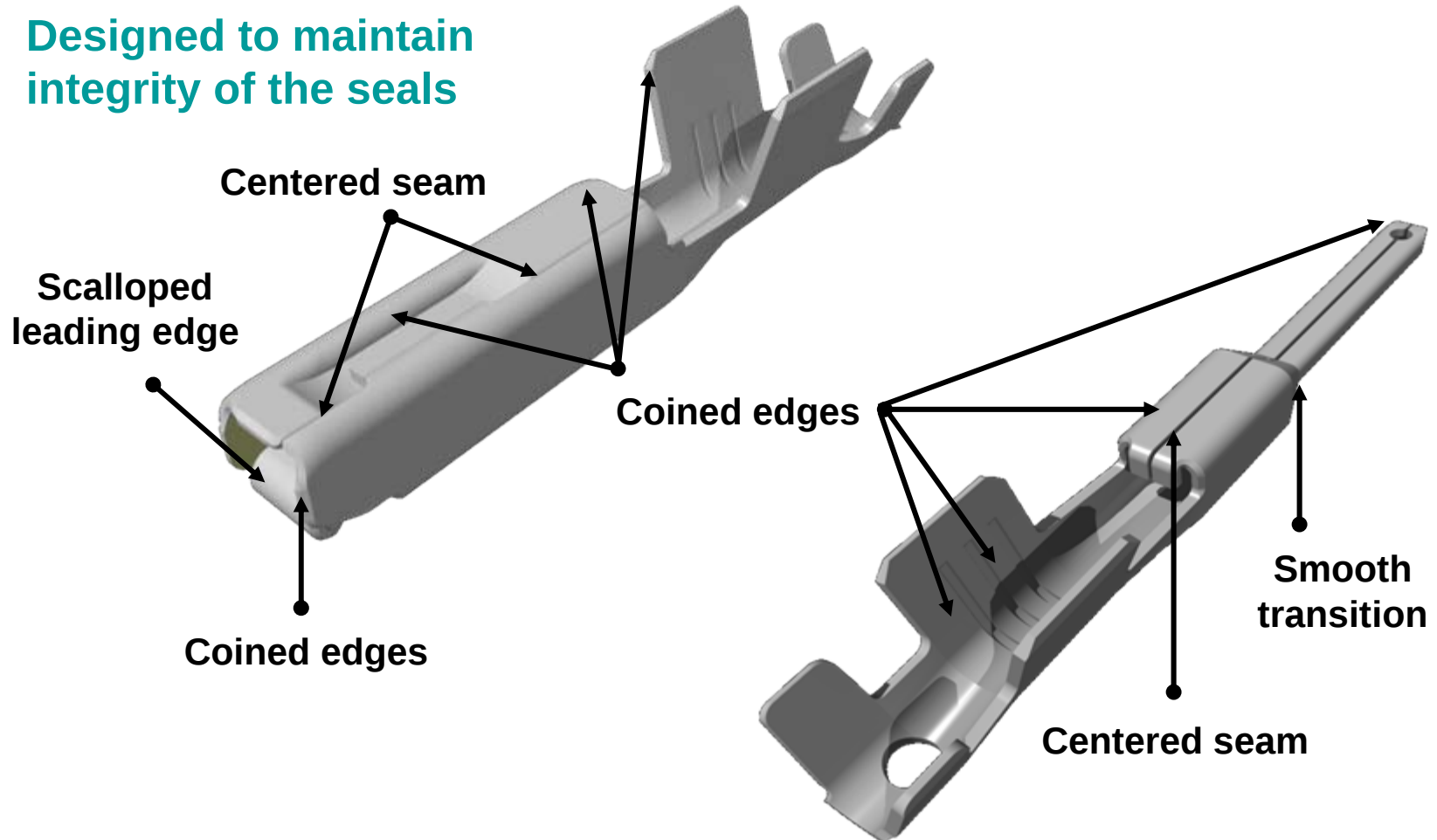


Product Details

Matte seal friendly terminal features



Designed to maintain
integrity of the seals



Tooling



- Industry standard applicators
- Hand crimp tools for field repairs
- Terminal extraction tool (right) for field servicing

