

MX150™ Twist-Lock Bulkhead Connectors ensure simplified and reliable connector mating and assembly while providing superior sealing and electrical performance in rugged, exterior automotive applications

MX150™ Twist-Lock Sealed Bulkhead Connectors simplify connector assembly by eliminating the need for additional fasteners. These connectors employ ring-seal technology to meet industry-standard sealing requirements.

The initial offering will consist of 12- and 16-circuit connectors available in multiple polarizations and colors. MX150 Twist-Lock Sealed Bulkhead Connectors mate to 12- and 16-circuit MX150 Sealed Female Connectors.

For more information visit: www.molex.com/link/mx150.html

PRELIMINARY DATASHEET

MX150™ Twist-Lock Sealed Bulkhead Connectors

3.5mm (.138") Pitch

Dual-Row, 2-by-6 and 2-by-8

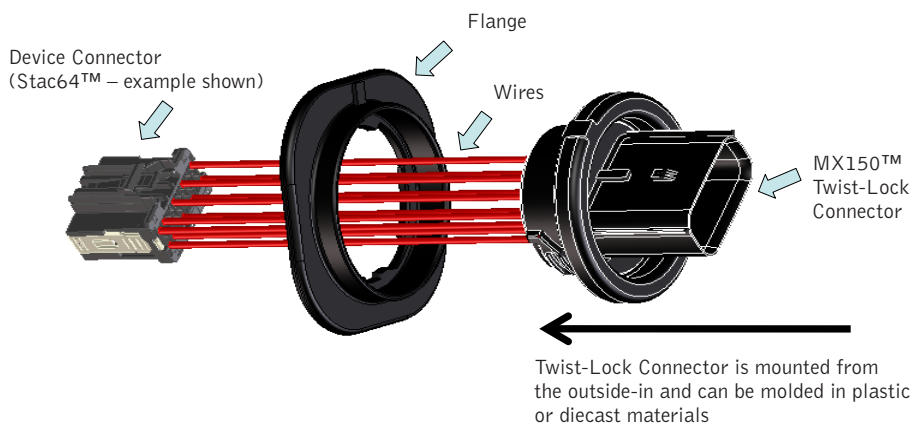
FEATURES AND BENEFITS

- Twist-lock latching design with audible, tactile and visual feedback ensures reliable mating and locking upon assembly and eliminates the need for additional fasteners
- Integral ring seal meets industry-standard sealing requirements, using proven interfacial seal technology to facilitate reliable sealing
- Outside-in mounting design with a 42.00mm (1.65") pass-through hole eliminates the potential to push the bulkhead connector back into the module, improves high-pressure spray capability and allows for easy access inside and outside of the module
- High-temperature thermoplastic housing withstands Class 3 (-40 to +125°C) operating environments
- Sealing geometry incorporates a spray shield necessary to meet IP6K7 and IP6K9K sealing performance requirements
- Terminal Positioning Assurance (TPA) ensures terminals are fully seated and will not back out during mating
- Terminal Positioning Assurance (TPA) probe hole allows for simple terminal serviceability
- Four polarization options provide four discrete mechanical and visual options that meet the new, USCAR-approved color pallet (black and three shades of gray)



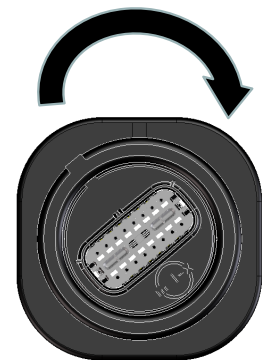
MX150™ Twist-Lock Sealed Bulkhead Connector

TWIST-LOCK DESIGN FEATURES



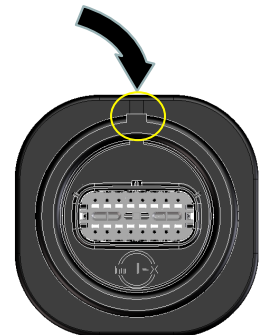
Note: Flange geometry must be integrated into the module and is not sold by Molex. Molex can provide the flange interface upon request.

Twist this direction to lock



Un-locked Position

Visual feedback to operator

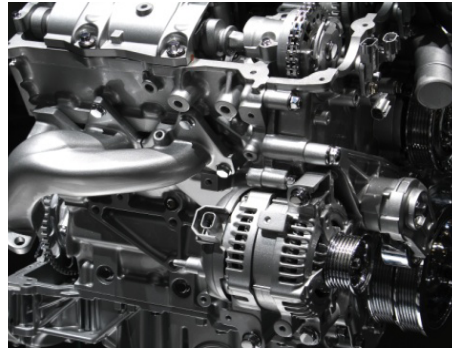


Locked Position

Note: Molex reserves the right to delay or cancel production of the depicted product without additional notice. Please contact your Molex customer service representative for product availability.

APPLICATIONS

- Automotive and Non-Automotive Transportation Vehicles
 - Headlamp Modules
 - Hybrid, Electric Battery Cases
 - Firewall Harnesses
 - Tail Lamps
 - Power Control Modules
 - Bulkhead Applications



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Help us to develop a better product for you.
Click here to begin our dialogue: http://innovate.molex.com/forms/ame_mx150twistlock

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