



MINI-LOCK 2.50MM-PITCH CONNECTORS

Adding black color and Glow Wire versions to the 2.50mm-pitch connectors allowing for design flexibility and safety/protection

NPI ENHANCEMENT

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creating connections for life



MINI-LOCK 2.50MM-PITCH CONNECTORS

Mini-Lock Wire-to-Board/Wire-to-Wire 2.50mm-pitch system is a versatile and proven product with a broad range of features that include TPA, positive-lock and glow wire options for safety and reliability.

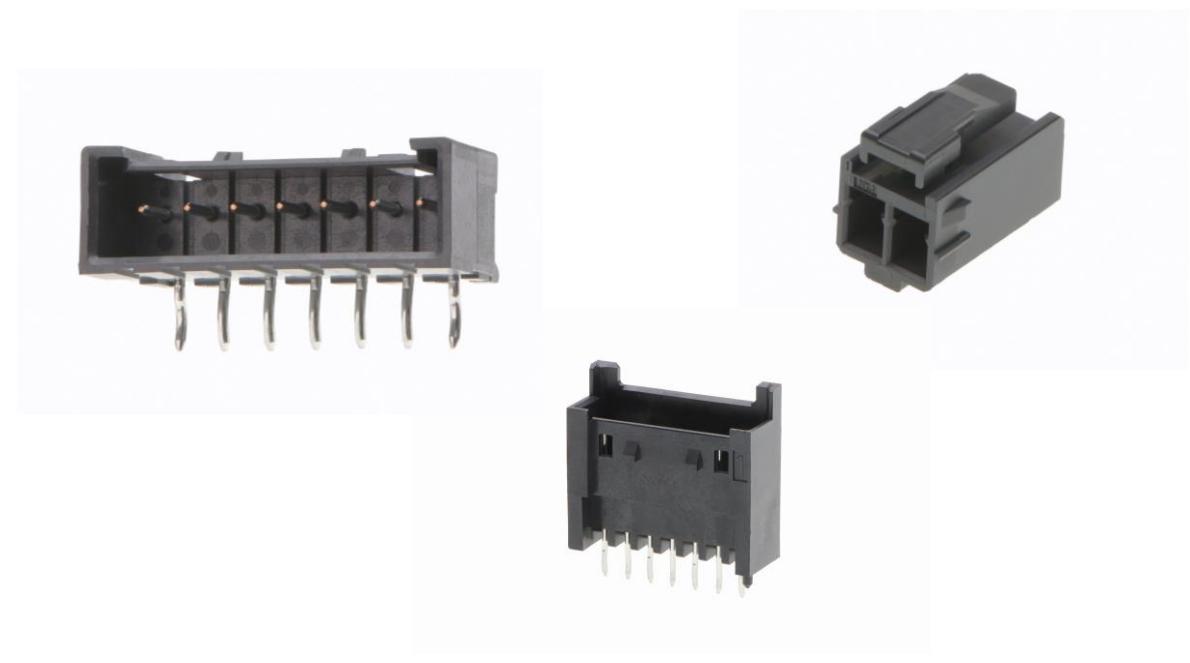
Key Product Information

Category: **Wire-to-Board/Wire-to-Wire Connectors**

Pitch: **2.50mm**

Operating Temps: **-40 to +105°C**

Orientation: **Vertical/Right Angle**



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Series

51163	Receptacle Housing; TPA; Black
53517	Vertical Header; Through Hole; Black
534269xx1	Right-Angle Header; Glow Wire; Black

VITAL PRODUCT INFORMATION



Glow Wire Capable

Mini-Lock 2.50mm-Pitch Connectors provide a glow wire option that is validated by VDE Testing and Certification Institute. Glow wire capable connectors allows these connectors to meet safety and environmental requirements mandated by the Home Appliance industry.

Reliable and Durable

The Mini-Lock Wire-to-Board Connector System is designed with TPA for secure mating retention. These connectors offer locking features that help ensure correct mating orientation and provide electrical reliability in rugged environments for superior reliability and durability.

Potting Capability

Mini-Lock 2.50mm-Pitch Connectors offer potting capability for added resistance to shock and vibration and prevents moisture, liquid and corrosive agents from penetrating the PCB board.

MARKETS AND APPLICATIONS



Home Appliance

- Air conditioners
- Refrigerators
- Washers and dryers



Consumer

- Gaming machines
- Fitness equipment
- Security systems



Datacom

- Automation equipment
- Vending machines

PRODUCT FEATURES AND ADVANTAGES

Meets EU regulations for the Home Appliance market

Glow Wire capable

Offers protection during harness assembly

Anti-fish-hooking contact

Allows for easy mating and unmating

Thumb-latch locking feature

Allows for excellent electrical reliability

Four-point contact design

Assists in unmating

Pull tabs



Mini-Lock 2.50mm-Pitch Connectors

Key Specifications

Voltage (max.)	250V
Pitch	2.50mm
Glow Wire Capable	Yes
Circuits	2 to 15
Operating Temperature	-40 to +105°C



THANK YOU

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molex