INTRODUCING

1.25MM SMALL FORM FACTOR LOCKING HPI CONNECTORS

- **Available extra board locking tabs deliver exceptional PCB retention strength, particularly in high-vibration environments**
- ***Helps to optimize printed circuit board space, saving up to 20%**
- ***Up to 3X more current carrying capacity**



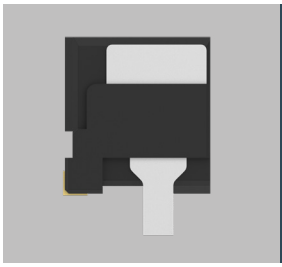
1.25mm Small Form Factor Locking HPI connectors can be used where signal or low power needs to be routed through a device. The reduced size of the connector (saving up to 20% PCB space*) and increased current capacity (up to 3X*) allows for greater flexibility in design. The external locking feature ensures secure mating retention and helps to improve the reliability of the interconnect system by helping to prevent accidental unmating. These connectors address the needs of low-profile applications that require a reliable, secure wire-to-board signal or low-power connection.

KEY BENEFITS

- Available extra board locking tabs deliver exceptional PCB retention strength, particularly in high-vibration environments
- Wide positive latch strengthens mating connection between the plug assembly and the receptacle
- Audible and tactile click feedback when mating
- Locking feature helps alleviate accidental unmating of the connectors due to pulling action
- *Helps to optimize printed circuit board space, saving up to 20%
- *Up to 3X more current carrying capacity

PRODUCT FEATURES

- 2-16 positions available
- Up to 3.6A current max
- Operating Temperature: -40°C to +125°C
- Gold plating options available



BOARD LOCKING VERSION NEW TO MARKET

Engineered with extra board locking tabs to deliver exceptional PCB retention strength, particularly in high-vibration environments.

APPLICATIONS

IoT (Internet of Things) Applications

- Smart locks
- Small appliances
- Smart lighting
- Smart meters
- Vending machines
- Drones

Data Communications

- Servers
- AI Chips

Appliances

- Washers/Dryers
- Air conditioners

Automotive

- Steering wheel
- Mirrors
- Infotainment systems

Industrial

- Security systems
- Surveillance cameras
- Factory automation
- Robotics

Lighting

- LED lighting

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- Landing Page

*In comparison with existing 1.25mm locking HPI (2390138) offering

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