

WHAT'S TRENDING

The Right Connector for Seamless IoT Integration

5G wireless network technology will drive more of everything. More smart devices. More communication between those devices. More data and decisions based on that data.

5G will also influence how we work and how we live. Even something as simple as a toothbrush is part of this technology revolution, evolving from its humble origins of bone and hog's hair to a device so smart it can tell if you're vitamin deficient — and then order those vitamins for next-day delivery.

Smart toothbrushes are just one example of the millions of devices that will require modularity — active chips, memory modules and connection points. These dense and complex new applications will require exceptional signal integrity built into the board-to-board and flex-to-PCB connection points to accommodate higher speeds at an ultra-low-profile setting.

And it will require a partner that understands connectors — products tested in established consumer and industrial markets, with a proven track record for performance and the ability to handle the thousands of devices that will connect simultaneously.

Molex has the engineering resources and industry experts on the front lines of IoT development to help you capture and process data so every activity is more productive. Learn more about preparing for 5G technology.



- [Pico-Lock B-to-B Connectors](#)
- [Micro-Lock Plus W-to-B Connectors](#)
- [Power B-to-B Connectors](#)
- [SlimStack FSB5 Floating Connectors](#)
- [Easy-On FPC Connectors](#)

SOLUTION:

Pico-Lock Wire-to-Board Connectors

- Side positive locking system for high retention force and max space savings
- Ultra-low-profile right-angle design
- Up to 6.5A per circuit design



SOLUTION:

Micro-Lock Plus Wire-to-Board Connectors

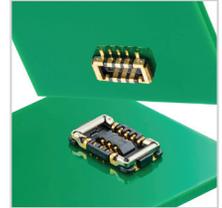
- Design flexibility with multiple pitches, mating orientations, dual-and single-row options
- Robust low-profile mechanical locking system for optimal retention force



SOLUTION:

Power Board-to-Board Connectors

- 3.0 to 10.0A of current capabilities
- Dual contact terminal design for signal assurance in high-shock and vibration environments
- Wrap-around nail design for additional mechanical robustness



SOLUTION:

SlimStack FSB5 Floating 0.4mm-Pitch Board-to-Board Connectors

- +/- 0.5mm of floating range in any direction for ease of mating and superior performance in high shock and vibration environments
- 125°C operating temperature
- High speed supports up to 6 Gbps
- Offered in multiple mating heights



SOLUTION:

Easy-On 0.5mm-Pitch FPC Connectors

- Orientation options – vertical and right angle
- Large range of actuator styles for design flexibility and robustness
- Multiple profile option for maximum space savings
- 105°C operating temperature



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