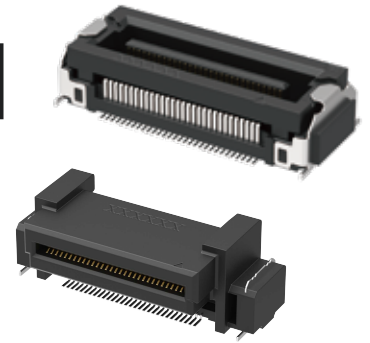




High-Speed Board to Board Floating Connector Series



Flexible Floating Structure. Precise Alignment. High-Speed Performance.

OVERVIEW

ATTEND's Floating Board-to-Board Connectors are high-performance interconnect solutions engineered to compensate for misalignment across all axes (X and Y). Featuring a built-in floating mechanism, the connectors offer elastic flexibility during assembly, ensuring stable and high-speed signal transmission even under vibration, shock, or thermal expansion.

Designed for high-reliability performance in demanding environments, the connectors are ideal for applications that require misalignment absorption, mechanical tolerance, and robust connectivity. Ideal for automotive, industrial, and embedded computing applications

APPLICATION

- Industrial Automation & Robotics
- Automotive Electronics
- Railway & Transportation Systems



- Measurement & Test Equipment
- AI & Edge Computing Modules



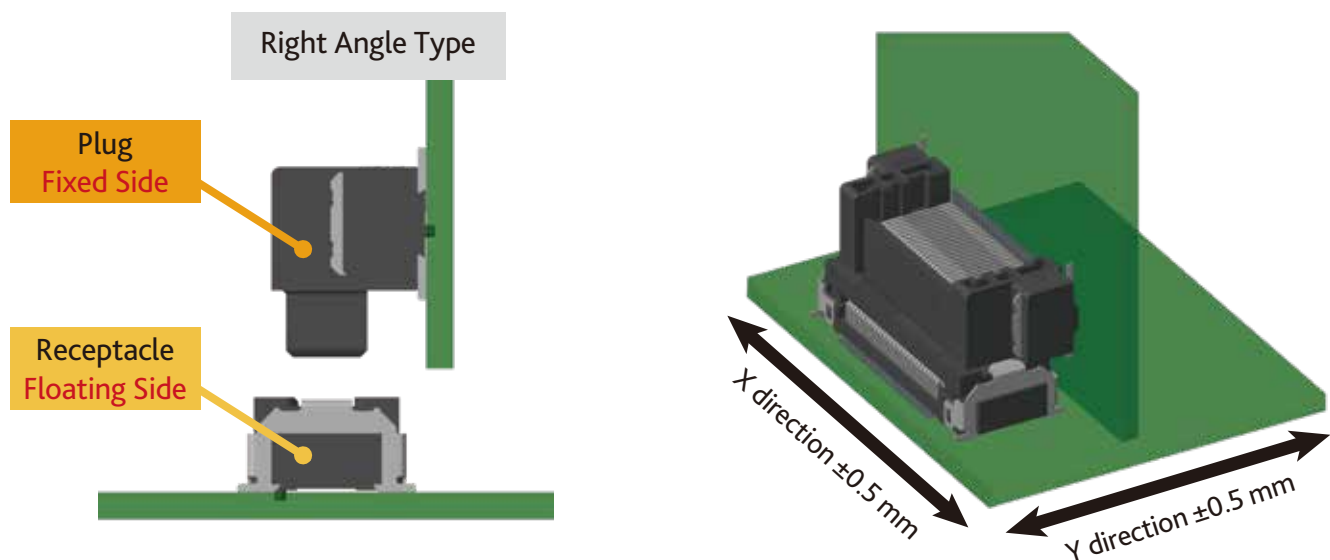
- Medical Devices





FEATURES

- The floating design compensates for misalignment in X and Y directions up to $\pm 0.5\text{mm}$.
- Supports high-speed data transmission up to 8GTs (PCIe 3.0).
- Supports 0.5 mm narrow pitch with 60/80/100 contact options.
- Elastic structure provides flexibility and reduces mechanical stress during assembly.
- Withstands vibration and shock for reliable performance in harsh environments.
- Ensures stable contact through compliant terminal design.
- Wide operation temperature range from -40°C to $+105^{\circ}\text{C}$.



PRODUCT LIST

Part Number	Description
320A-R060S00	Board to Board Floating Receptacle, Female, 60PIN, Vertical
320A-P060R00	Board to Board Floating Plug, Male, 60PIN, R/A
320A-R080S00	Board to Board Floating Receptacle, Female, 80PIN, Vertical
320A-P080R00	Board to Board Floating Plug, Male, 80PIN, R/A
320A-R100S00	Board to Board Floating Receptacle, Female, 100PIN, Vertical
320A-P100R00	Board to Board Floating Plug, Male, 100PIN, R/A

