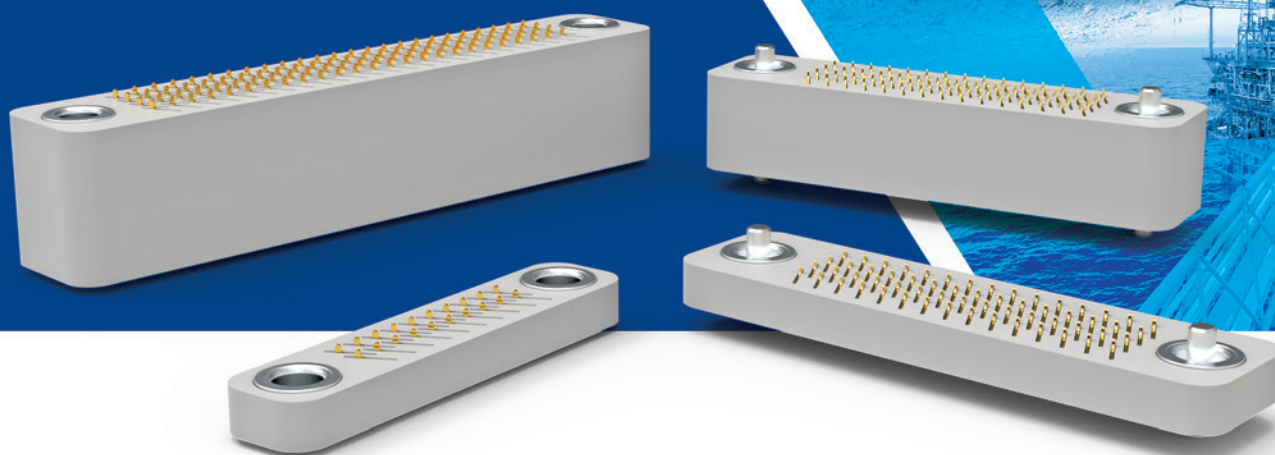




Bringing Your Innovations To Life

Z Series

Z Axis, Interposer Compression System



A Solderless Interconnect Solution

The Z Series family of high-density, board-to-board or flex circuit stacking applications is unique, offering users a reliable one-piece contact system. Z Series offers users a solderless, one-piece contact system compressed between parallel printed wiring boards or a printed wiring board and other electronic components, to achieve reliable electrical connection.

Z Series' patented single-piece contact design means reduced resistance with a versus designs with multiple components. Z Series shines most in product designs with tight geometries, limited available space, and weight limitations. Utilize one Z Series sandwiched between boards over a traditional two-connector setup and take advantage of the cost savings.

Key Features & Benefits

- 0.050" (1.27mm) contact spacing
- 20-175 contacts
- Assembled in the USA
- Body heights of .100" (2.54mm) - .350" (8.89mm) or higher
- Configurable to meet your application needs
- Multiple contacts per cavity for redundancy
- One Z Series can connect 2 PCBs
- Patented 1-piece contact system
- Power module capability
- Withstands high-vibration environments
- Zero outgassing for space applications



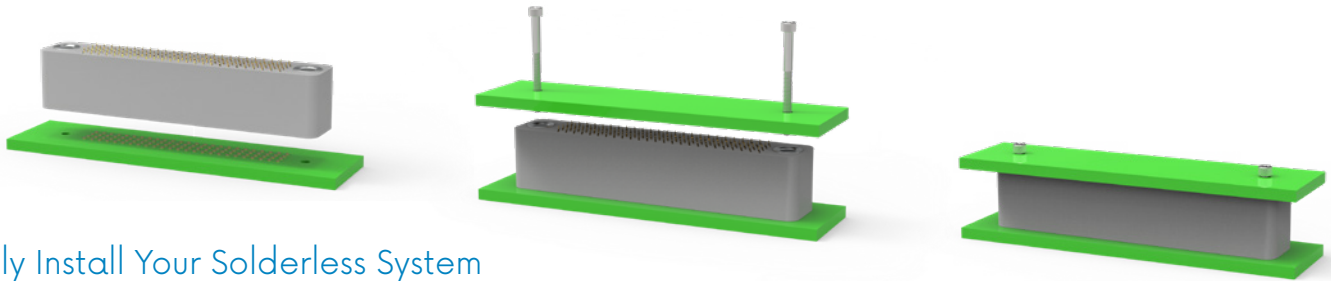
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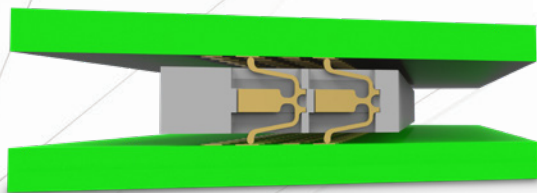


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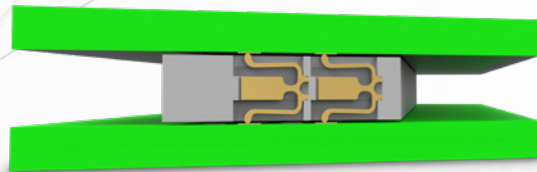


Easily Install Your Solderless System

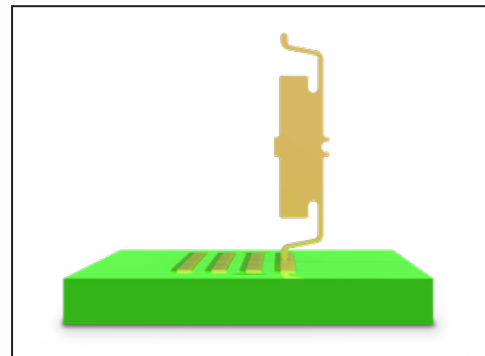
Reliable electrical continuity eliminates costly soldering processes & inspections. Simply align & compress the connector between parallel, printed wiring boards to stay AirBorn Connected®.



Z Series Uncompressed

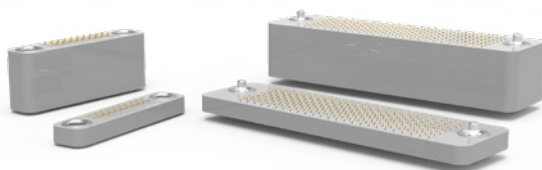


Z Series Fully Compressed

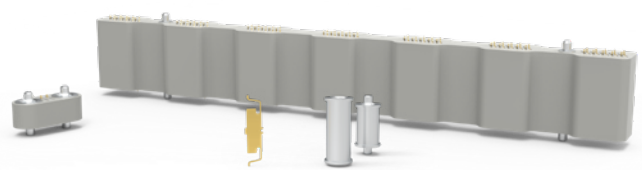


Patented 1-Piece Contact System

Reduced resistance with a single-piece contact construction vs. designs with multiple components.



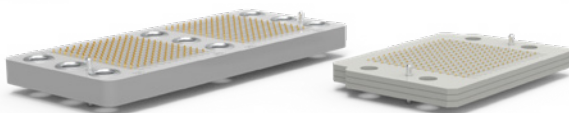
#1: Standard Catalog Configurations



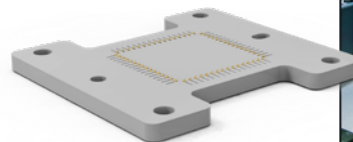
#2: Hybrid - Standard Contacts/Hardware, Custom Body

4 Ways To Order Z Series

Utilize the 4 part-ordering scenarios to get your hands on a Z Series. Need a fully custom solution? AirBorn is always available to consult or collaborate on your ideal Z Series connector.



#3: Fully Custom Configuration



#4: Laser-Cut Engineering Units (Prove Your Concept)



ZSF-922



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