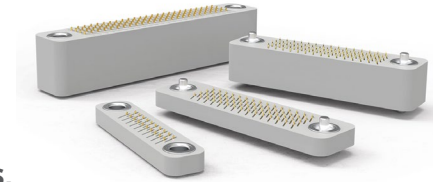


AirBorn Z Series Compression Interposer Connectors >



AirBorn Z Series Compression Interposer Connectors deliver solderless, high-density board-to-board and flex circuit stacking for aerospace, defense, space and rugged industrial applications where reliability is essential. The patented one-piece contact system ensures consistent electrical continuity while rigid bodies and precision guide pins simplify alignment for repeatable, error-free assembly. Proven in extreme vibration, thermal cycling and high-shock environments, AirBorn Z Series connectors save board space, reduce costs and minimize failure points for lasting performance in mission-critical systems.

ADVANTAGES AND FEATURES

Streamlines manufacturing and repairability

Use of patented z-axis compression contact system enables easy solderless board-to-board or flexible circuit connections while also streamlining manufacturing and repairability.

Eliminates oxidation through contact wiping action

The contact wiping action of the AirBorn Z Series Compression Interposer Connectors helps to remove both oxidation and foreign object debris.

Provides reliable flexible connections

Flexible design enables compatibility with 3D-routed flex assemblies, supporting intricate, space-saving designs without compromising reliability.

Minimizes PCB real estate

High density two- to seven-row options with 20 to 175 contacts per connector maximize signal density while minimizing used board space and weight.

Simplifies manufacturing and repairability

Solderless design simplifies manufacturing and repairability by reducing labor and eliminating inspection steps, which lowers total assembly cost.

Enables versatile system integration

A range of body heights from 0.100 to 0.350" or more support multiple board stacking in complex assemblies.

Simplifies installation and maximizes reliability

Rigid body design and guide pins simplify installation, ensuring precise contact targeting.

Ensures dependable performance in extreme environments

AirBorn Z Series connectors have proven reliable in missiles, helicopters, satellites and ruggedized computers, delivering reliable performance under the harshest conditions.

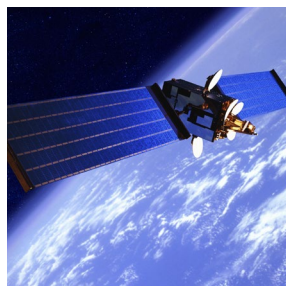
MARKETS AND APPLICATIONS

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Ruggedized computers
Submarines



Satellites



Submarines

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