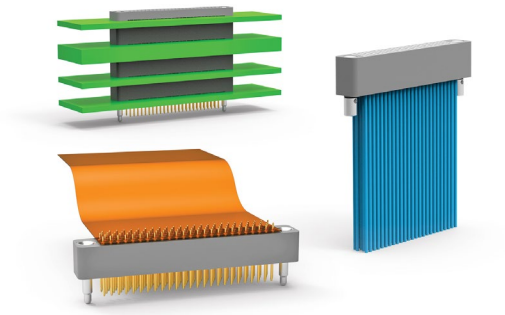
DATASHEET

AirBorn RC Series Stackable Connectors ›

AirBorn RC Series connectors provide high-density, solderless stackable connectors engineered for 0.075" contact spacing, reducing connector count and overall stack height by up to 50% compared to traditional layouts. Versatile terminations and flexible board spacing support multi-stack, cable and flex circuit assemblies for aerospace, industrial and defense applications.



ADVANTAGES AND FEATURES

Minimizes space and maximizes signal density
Combination of multi-row options supporting up to 300 contacts and 0.075" spacing reduces used space while maximizing signal density.

Supports wide range of contact tail lengths
With board spacing options ranging from 0.095" to over 1.1" in fine increments, designers have extreme flexibility in spacing selection.

Enables field repairs and extends product life
The ability to support field repairs of contacts helps reduce downtime and maintenance costs while also extending product life.

Eliminates soldering and inspection steps
Press-fit compliant contacts featuring solderless technology eliminate costly manufacturing processes while their repairability supports extended application life.

Simplifies manufacturing via automated contact loading
Complex contact patterns are easy and efficient to deploy with automated contact loading.

Optimized for advanced aerospace and defense systems
Compatible with complex multi-stack assemblies found in advanced industrial, aerospace and defense systems.

Supports custom configuration and electrical routing
The use of selectively loaded contacts allows for custom routing of signals, while multiple stack positions, mating configurations and a wide variety of hardware and tail lengths provide engineers with extreme design flexibility.

Ensures precise alignment and secure mating
Integrated guide pins and sockets help auto-align AirBorn RC Series connectors, decreasing manufacturing times while ensuring alignment, secure mating and manual testing.

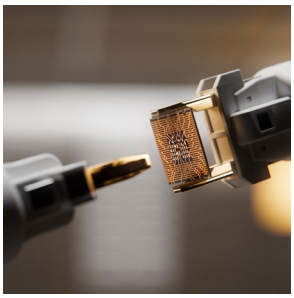
MARKETS AND APPLICATIONS

Aerospace
Avionics
Satellites

Defense
Launch Vehicles
Missiles
Radar
Torpedoes

Satellites

Military Defense Platforms



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