AIRMAX VS® CONNECTOR SYSTEM

A FLEXIBLE HIGH SPEED SIGNAL CONNECTOR DESIGN

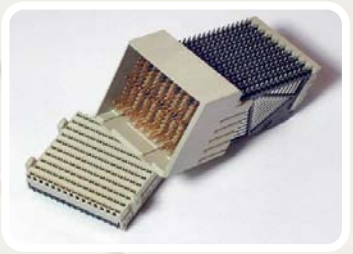
AIRMAX VS® CONNECTOR SYSTEM INFORMATION

- Web links to product info including performance parameters, drawings, 3D models, etc
  - www.fci.com/airmax

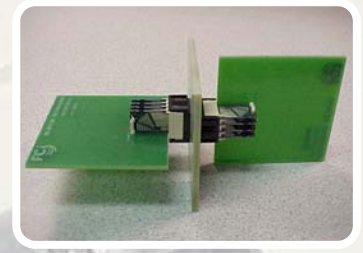
- Documentation
  - AirMax VS® Connector Systems for Data
  - AirMax VS® Connector Systems for Telcos
  - AirMax VS® Storage Bridge Bay Applications
  - AirMax VS® Orthogonal Connectors
  - AirMax VS® Power Connectors
  - Hard Metric High Power Connectors

Documentation available at www.fci.com/airmax

BACK PANEL RECEPTACLE

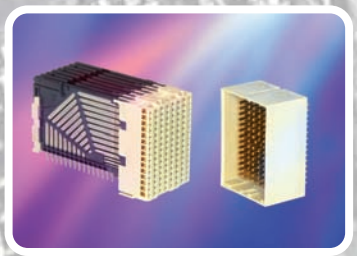


ORTHOGONAL MIDPLANE



HIGH POWER CONNECTORS

BACK PANEL-HEADER



CO-PLANAR

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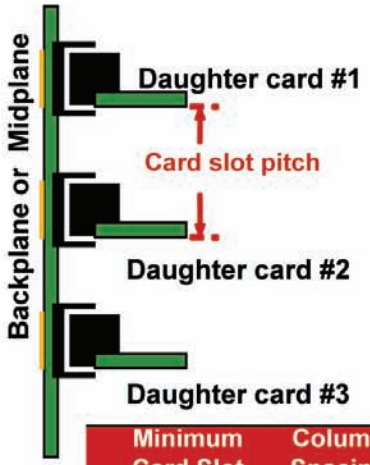
AIRMAX VS® CONNECTOR SYSTEM

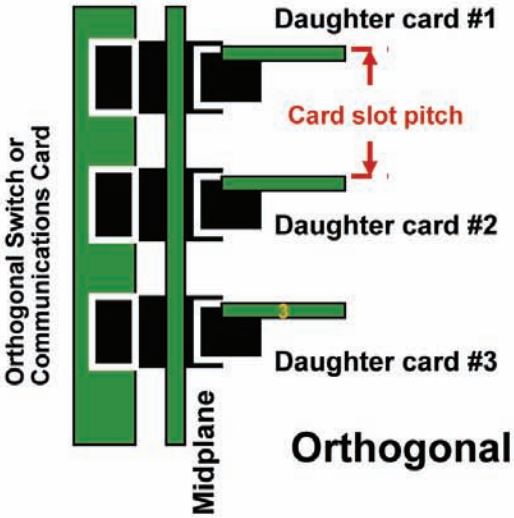
A FLEXIBLE HIGH SPEED SIGNAL CONNECTOR DESIGN

- The first shieldless high speed connector
- Speeds of up to 12.5Gb/s
- Very low insertion loss and crosstalk
- Hard Metric (HM) equipment design practice
- High signal density for a given daughter card pitch
- Numerous 3, 4, and 5 pair products tooled, both genders
- Backpanel, Coplanar, Mezzanine, Orthogonal and I/O products
- Press-fit “eye of needle” contacts



Backplane

Minimum Card Slot Pitch (mm)	Column Spacing (mm)	Differential Signal Pairs per Column	Signal Density (pairs/inch)
16.7	3.0	3	25
16.7	2.0	3	37.5
20	3.0	4	33.9
20	2.0	4	50.8
25	3.0	5	42.3
25	2.0	5	63.5



Orthogonal

Orthogonal	Signal pairs		Col Pitch	Slot
Pairs	Grid	Description	mm	width mm
16	4X4	Airmax VS Orthogonal	4.2	20

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