

MEG-ARRAY®

HIGH SPEED MEZZANINE CONNECTORS

FEATURES

- RoHS Compliant (Lead-Free)
- Ball Grid Array (BGA) termination for process friendly attachment
- .050" x .050" BGA interface pitch optimizes routing and electrical performance
- Stack Heights available from 4mm to 14mm (2mm increments)
- Connector sizes of 81 signals to 528 signals providing 80 usable signals per linear cm (205 signals per linear inch) allow for optimization of board space and signal requirements
- 10 Gb/s differential pair performance at less than 1% cross-talk meets the needs of high speed mezzanine applications
- Meets Telcordia GR-1217-CORE and NPS-25298-2 specifications for utilization in telecom applications

- Demonstrated solder joint reliability of greater than 22 years life (per IPC-SM-785) is unmatched for a BGA mezzanine connector
- Polarized design assures proper mating of the connector
- Back to Back testing connector (Interposer) available upon special request

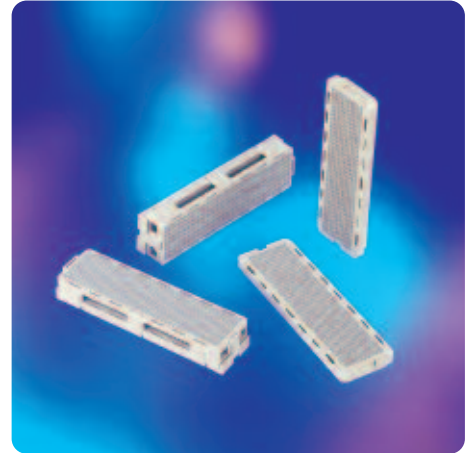
APPLICATIONS

Communications

- Transmission
- Access
- Switching
- Optics
- Networking

Data

- Servers
- Storage



I&I

- Industrial controls & equipment
- Analytical & diagnostic
- Medical

MAIN PRODUCTS

PART REFERENCES

Size	Type	Total Mated Height					
		4.0 mm	6.0mm	8.0 mm	10.0 mm	12.0 mm	14.0 mm
81 Position 9 x 9	Plug	55714					
	Receptacle	55715					
100 Position 10 x 10	Plug	84512					
	Receptacle	84513					
200 Position 10 x 20	Plug	84516	84516	84516	84530	84530	84530
	Receptacle	84517	55724	84535	84517	55724	84535
300 Position 10 x 30	Plug	84500	84500	84500	84578	84578	84578
	Receptacle	84501	84502 for 5.5 mm BTB	84553	84501	84502 for 11.5 mm BTB	84553
400 Position 10 x 40	Plug	84740	84740	84740	84520	84520	84520
	Receptacle	74221	74388	74390	74221	74388	74390
240 Position 8 x 30	Plug	74213	74213				
	Receptacle	74217	55755				
528 Position 12 x 44	Plug		10022671				
	Receptacle		10026846				

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Further information can be found at:
<http://www.fciconnect.com/megarray>

