

MEG-ARRAY®

HIGH SPEED, HIGH DENSITY MEZZANINE CONNECTORS

FEATURES & BENEFITS

- Flexible ground distribution sustains high speed signal integrity up to 28 Gb/s
- 1.27mm x 1.27mm array saves space and optimizes trace routing
- Proven BGA termination supports standard, low cost SMT assembly
- Wide range of sizes and stack heights
- Online signal integrity reports and S-parameter models support high speed designs and performance
- Natural physics of BGA provides precise self-alignment on X, Y and Z axes during PCB assembly
- Time tested reliability record; 17 Billion+ lines shipped to customer satisfaction
- Protective precious metal plating; Includes Telcordia® options per GR-1217-CORE and NPS-25298-2
- Certified 22+ year solder joint reliability
- Polarized design assures proper connector mating
- 6 PCB Stack Heights: 4mm low profile to 14mm
- 7 Connector sizes: 81 to 528 positions



APPLICATIONS

Communications

- Transmission
- Access
- Switching
- Optics
- Networking

Data

- Servers
- Storage

I&I

- Industrial controls & equipment
- Analytical & diagnostic
- Medical

*Telcordia® is a registered trademark of Telcordia®.

Further information can be found at:
www.fciconnect.com/megarray
www.fciconnect.com/mezzselect
www.fciconnect.com/highspeed

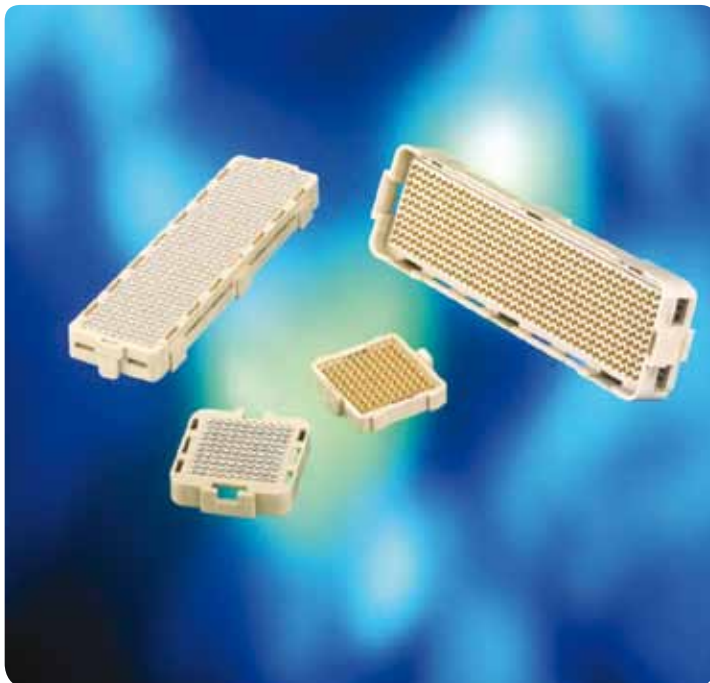
MEZZSelect™



MAIN PRODUCTS

PART REFERENCES

Size	Type	Total Mated Height					
		4.0 mm	6.0 mm	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
240 Position 8 x 30	Plug	74213	74213				
	Receptacle	74217	55755				
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
528 Position 12 x 44	Plug		10022671				
	Receptacle		10026846				



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