GIG-ARRAY®

HIGH SPEED MEZZANINE CONNECTORS

FEATURES & BENEFITS

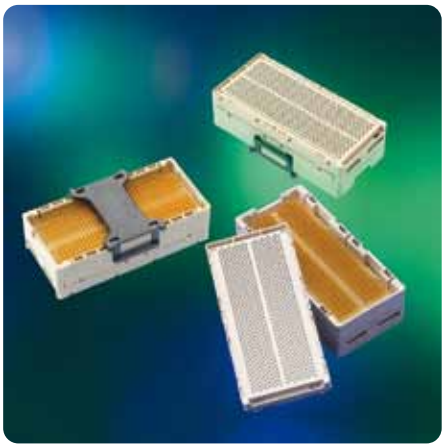
- RoHS compliant (Lead-Free) options are available
- Optimized design for utilization in high-density, high-speed mezzanine applications
- Ball Grid Array (BGA) termination for process friendly attachment
- 1 mm x 0.65 mm BGA interface pitch optimizes routing and electrical performance
- Stack Heights available from 15 mm to 40 mm provide mezzanine design flexibility
- Connector sizes of 200 and 296 signals providing 62 signal contacts per linear cm (158 signal contacts per linear inch) allow for optimization of board space and signal requirements
- 100 Ohm differential pair matched impedance assures consistent high speed performance
- Up to 10 Gb/s differential pair performance
- Very low cross-talk (VLC) design of less than 1% allows for required signal integrity performance
- Dual beam signal contacts provide two points of contact increasing product reliability
- Polarized design assures proper mating of the connector

APPLICATIONS

Communications
- Transmission
- Access
- Switching
- Optics
- Networking

Data
- Servers
- Storage

I&I
- Industrial controls & equipment



MEZ Select™

MAIN PRODUCTS

PART REFERENCES

200 Positions*		Plug Height** 10 mm 55737	12 mm 10026802	13 mm 10060910	15 mm 55738	20 mm 55739	25 mm 10054783
Receptacle Height**	5 mm 55740	15 mm	17 mm	18 mm	20 mm	25 mm	30 mm
	11 mm 10081497	21 mm	23 mm	24 mm	26 mm	31 mm	36 mm
	15 mm 10060912	25 mm	27 mm	28 mm	30 mm	35 mm	40 mm

296 Positions*		Plug Height** 10 mm 55720	12 mm 10026804	13 mm 10060911	15 mm 55700	20 mm 55727	25 mm 10054784
Receptacle Height**	5 mm 55701	15 mm	17 mm	18 mm	20 mm	25 mm	30 mm
	11 mm 10081496	21 mm	23 mm	24 mm	26 mm	31 mm	36 mm
	15 mm 10060913	25 mm	27 mm	28 mm	30 mm	35 mm	40 mm

**Signal contacts only, ground contacts not included*

***Base part number listed under connector height*

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