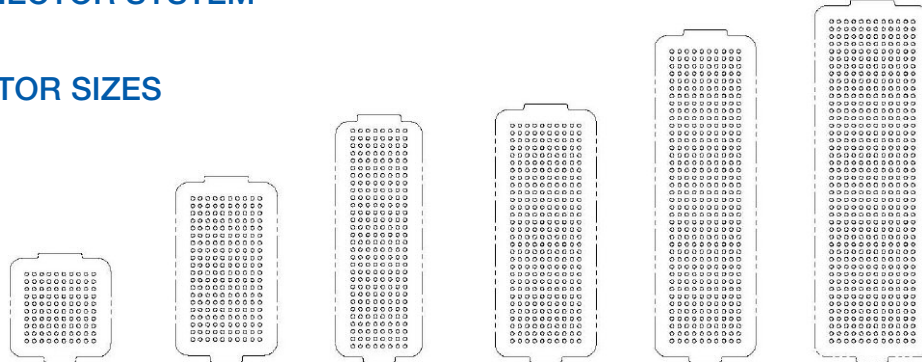
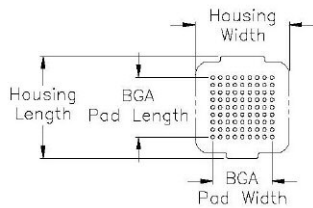


5.1 MEG-ARRAY® CONNECTOR SYSTEM

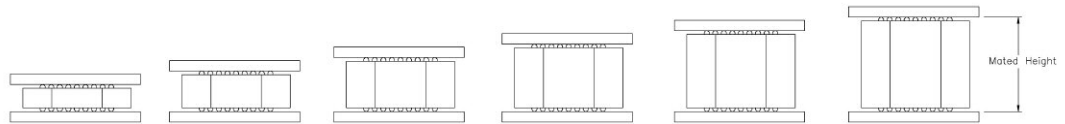
MEG-ARRAY® CONNECTOR SIZES



Feature Description	81 Position (9x9)	100 Position (10x10)	200 Position (10x20)	240 Position (8x30)	300 Position (10x30)	400 Position (10x40)	528 Position (12x44)
Housing Length	17.43	18.7	31.4	42.3	44.1	56.8	61.88
Housing Width	16.07	17.34	17.43	14.8	17.34	17.43	19.88
BGA/Pad Length	10.16	11.43	24.13	36.83	36.83	49.53	54.61
BGA/Pad Width	10.16	11.43	11.43	8.89	11.43	11.43	13.97

All Dimensions in mm.

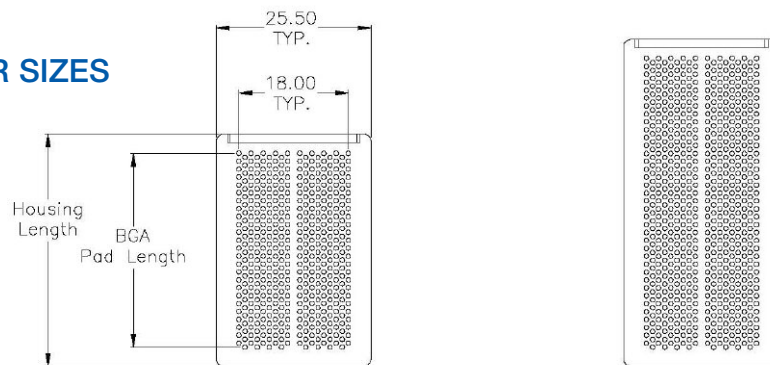
MEG-ARRAY® MATED HEIGHTS - BASE PART NUMBER SELECTOR



Size	Type	4.0mm	6.0mm	8.0mm	10.0mm	12.0mm	14.0mm
81 Position (9x9)	Plug	55714 0mm					
	Receptacle	55715 4mm					
100 Position (10x10)	Plug	84512 0mm					
	Receptacle	84513 4mm					
200 Position (10x20)	Plug	84516 0mm	84516 0mm	84516 0mm	84530 6mm	84530 6mm	84530 6mm
	Receptacle	84517 4mm	55724 6mm	84535 8mm	84517 4mm	55724 6mm	84535 8mm
240 Position (8x30)	Plug	74213 0mm	74213 0mm				
	Receptacle	74217 4mm	55755 6mm				
300 Position (10x30)	Plug	84500 0mm	84500 0mm	84500 0mm	84578 6mm	84578 6mm	84578 6mm
	Receptacle	84501 4mm	84502 5.5mm (5.5mm)	84553 8mm	84501 4mm	84502 5.5mm (11.5mm)	84553 8mm
400 Position (10x40)	Plug	84740 0mm	84740 0mm	84740 0mm	84520 6mm	84520 6mm	84520 6mm
	Receptacle	74221 4mm	74388 6mm	74390 8mm	74221 4mm	74388 6mm	74390 8mm
528 Position (12x44)	Plug		10022671 0mm				
	Receptacle		10026846 6mm				

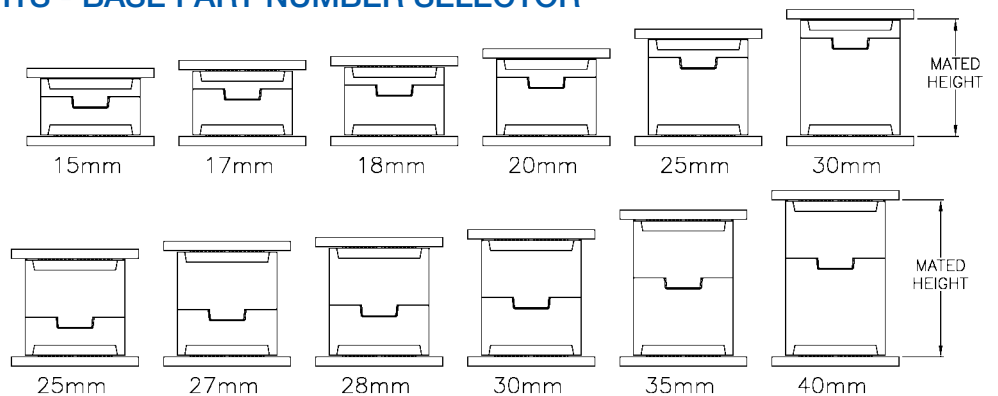
5.2 GIG-ARRAY® CONNECTOR SYSTEM

GIG-ARRAY® CONNECTOR SIZES



Description	200 Positions*	296 Positions*
Housing Length	38.15 mm	53.75 mm
BGA Pad Length	31.85 mm	47.45 mm
Number of Signal Contacts	200	296
Number of Ground Contacts	250	370
Number of BGA Balls	450	666
Fully Shielded Differential Pairs	64	96
Continuous Differential Pairs	96	144

GIG-ARRAY® MATED HEIGHTS - BASE PART NUMBER SELECTOR



200 Positions*		Plug Height**					
		10mm	12mm	13mm	15mm	20mm	25mm
		55737	10026802	10060910	55738	55739	10054783
Receptacle Height**	5mm	15 mm	17mm	18mm	20mm	25mm	30mm
	15mm	25 mm	27mm	28mm	30mm	35mm	40mm
		55740	10060912				

296 Positions*		Plug Height**					
		10mm	12mm	13mm	15mm	20mm	25mm
		55720	10026804	10060911	55700	55727	10054784
Receptacle Height**	5mm	15 mm	17mm	18mm	20mm	25mm	30mm
	15mm	25 mm	27mm	28mm	30mm	35mm	40mm
		55701	10060913				

*Signal contacts only, ground contacts not included

**Base part number listed under connector height

6.1 MEG-ARRAY® CONNECTOR SYSTEM

Technical Document	Direct Web-Link to Document
Data sheet	http://www.fciconnect.com/highspeed
Eye pattern data	http://www.fciconnect.com/highspeed
Signal integrity test data	http://www.fciconnect.com/highspeed
Application Specification	http://www.fciconnect.com/highspeed
Product Specification	http://www.fciconnect.com/highspeed
Solder joint reliability data	http://www.fciconnect.com/highspeed
Test report that validates that MEG-Array system meets Telcordia GR-1217-CORE (25 Cycles)	http://www.fciconnect.com/highspeed
Test report that validates that MEG-Array system meets Telcordia GR-1217-CORE (200 Cycles)	http://www.fciconnect.com/highspeed
Test report that validates that MEG-Array system meets NPS-25298-2 specification	http://www.fciconnect.com/highspeed
Spice Models	http://www.fciconnect.com/highspeed
IGES & ProE Models	http://www.fciconnect.com/highspeed

6.2 GIG-ARRAY® CONNECTOR SYSTEM

Technical Document	Direct Web-Link to Document
Data sheet	http://www.fciconnect.com/highspeed
Application specification	http://www.fciconnect.com/highspeed
Product Specification	http://www.fciconnect.com/highspeed
Qualification report which includes signal integrity data, meets Telcordia GR-1217-CORE data, and solder joint reliability data	http://www.fciconnect.com/highspeed
Spice Models	http://www.fciconnect.com/highspeed
IGES & ProE Models	http://www.fciconnect.com/highspeed

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