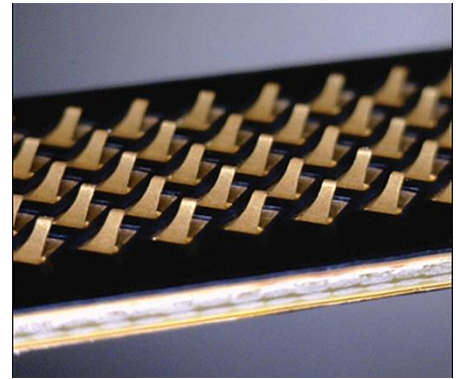


PCBeam™ SPH2 Product Family Overview

High Density, High Performance Connectors

OVERVIEW

Neoconix's SPH2 family of PCBeam™ interposer products have been developed for high performance board-to-board and flex-to-board applications. The large pin-counts enable combining numerous high-speed differential pairs, high power, and signals in one connector. There are six standard configurations available, ranging from 102-positions to 250 positions on 0.80mm, 1.00mm or 1.27mm pitch. Compatible hardware is available integrating pin alignment and screw retention for simple assembly into the host system. Neoconix can also provide complete turnkey assemblies that include a high performance FPC.



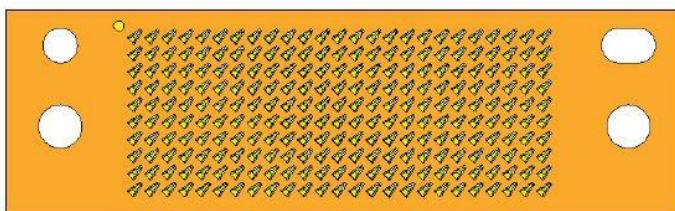
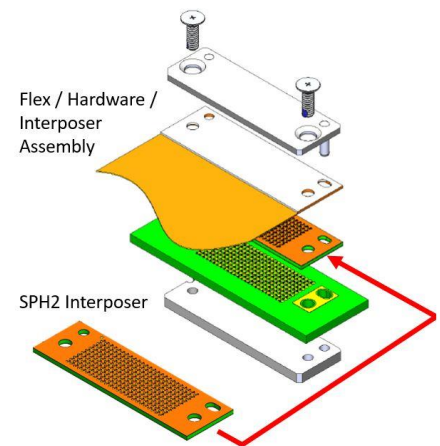
FEATURES

- High Performance PCBeam™ Connector Technology
- Product options for 0.80mm, 1.00mm & 1.27mm pitch
- Standardized 0.8mm interposer thickness
- 3 Form Factors – Small(S), Medium(M) & Large(L)
- Maximized pin count per form factor
- Current capacity to 2A per position
- High speed to >10Gbps
- Standard assembly hardware
- Compliant with ROHS 2011/65/EU and IPC-4101B (halogen-free)

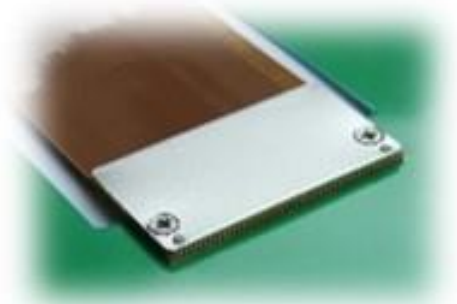
STANDARD PRODUCT FAMILY¹

Item	Interposer Part Number	Pitch (mm)	Positions	Mated Height (mm)	Rows	Cols	Length (mm)	Width (mm)
1	SPH2-SF102A	1.27	102	0.8	6	17	31.8	9.6
2	SPH2-MF120A	1.27	120	0.8	6	20	35.7	9.6
3	SPH2-LF150A	1.27	150	0.8	6	25	41.9	9.9
4	SPH2-SD160A	1.00	160	0.8	8	20	31.8	9.6
5	SPH2-MD200A	1.00	200	0.8	8	25	35.7	9.6
6	SPH2-SC250A	0.80	250	0.8	10	25	31.8	9.6

1. Additional Customization Available Upon Request



250 position, 0.8mm Pitch Interposer



FOR MORE INFORMATION

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