

## PCBeam™ LPM Product Family Overview

### High Density, Low Profile Connectors

#### OVERVIEW

Developed for mobile devices and other space-constrained applications, the Neoconix LPM line of connectors feature exceptional X-Y-Z density with a simple, highly reliable screw-down fastening system. With an extremely short electrical path, these products can uniquely combine high speed signaling (>10Gbps) and significant power delivery (>10A) within one connector

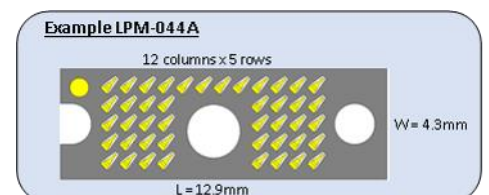
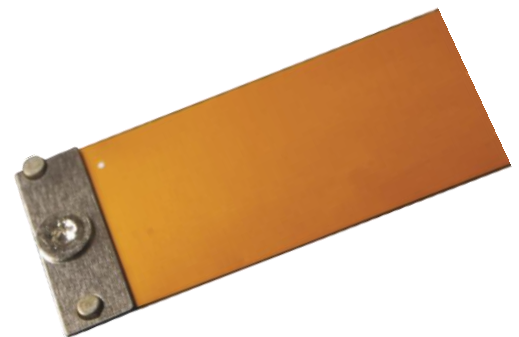
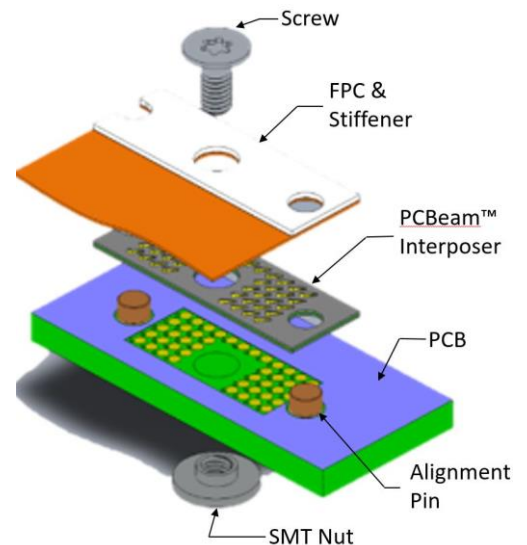
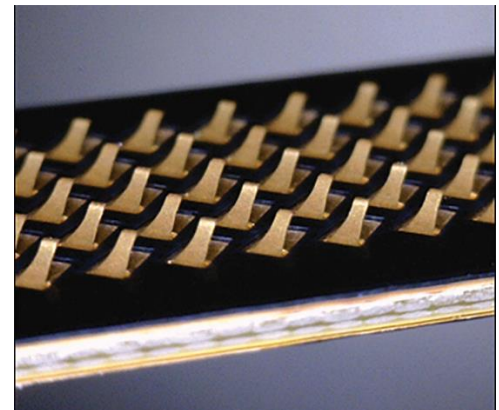
#### FEATURES

- High performance PCBeam™ connector technology
- Low profile, <1.0mm connector thickness
- High density 0.7424mm contact pitch
- High current to >10A on some configurations
- High speed to >10Gbps
- Meets PCIe3.0 & USB3.1 signal integrity requirements
- Pick & place compatible (pins, nut)
- Additional customization options offered
- Compliant with ROHS 2011/65/EU and IPC-4101B (halogen-free)

#### STANDARD PRODUCT FAMILY<sup>1</sup>

Part Number <sup>1</sup>	Pins	Rows	Columns	Length (mm)	Width (mm)
LPM-012A	12	3	8	9.9	3.6
LPM-016A	16	4	8	9.9	3.6
LPM-020A	20	4	9	10.7	3.6
LPM-024A	24	4	10	11.4	3.6
LPM-028A	28	4	11	12.2	3.6
LPM-032A	32	4	12	12.9	3.6
LPM-034A	34	5	10	11.4	4.3
LPM-036A	36	4	13	13.6	3.6
LPM-039A	39	5	11	12.2	4.3
LPM-040A	40	4	14	14.4	3.6
LPM-044A	44	5	12	12.9	4.3
LPM-049A	49	5	13	13.6	4.3
LPM-054A	54	7	10	11.4	5.8
LPM-056A	56	6	12	12.9	5.1
LPM-062A	62	6	13	13.6	5.1
LPM-068A	68	7	12	12.9	5.8
LPM-075A	75	7	13	13.6	5.8
LPM-080A	80	6	16	15.9	5.1
LPM-082A	82	7	14	14.4	5.8

1. Additional Customization Available Upon Request



#### FOR MORE INFORMATION

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