

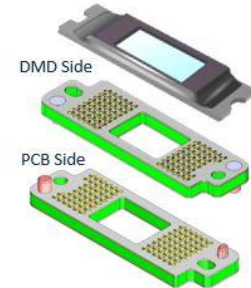
## Connectors for DLP® Products

### OVERVIEW




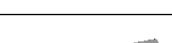
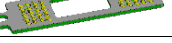

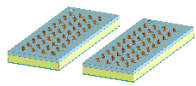


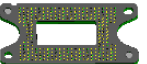
Neoconix PCBeam™ connectors for DLP® products are interconnect solutions for the Texas Instruments DLP® chips suitable for ultra-mobile and portable applications. One-piece, high density and cost effective solutions are enabled by patented Neoconix PCBeam™ technology, providing both a heat-sink opening and features for precise alignment of the Interposers to the DMD and main PC Board.

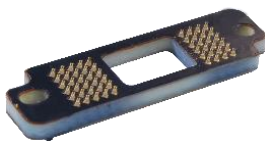
### FEATURES

- Proven High Performance PCBeam™ contact design
- Connectors are fully compliant to the OEM's reference design drawings
- Both solderless LGA and solderable BGA solutions available
- Current capacity up to 1.5A per position
- Hard gold plated contact interface
- Compliant with ROHS 2011/65/EU and IPC-4101B (halogen-free)


**S312 Connector Shown**

**S315 Connector Shown**

### STANDARD PRODUCT FAMILY

Series Number	DMD Description				Electrical Interconnect Information			
	DLP Number	Array Diagonal	Package	Pad Qty	IO Qty DMD/PCB Type	TI Dwg. Number	Configuration	Neoconix Part Number
S245	<a href="#">DLP3010</a>	.30 720p	FQK	57	57 LGA/LGA	2513242 (Std-Hgt w/Notch) or		BDX0057CMMF4AU00
						2516242 (Low-Hgt)		BDX0057CMMF4AU03
S246	<a href="#">DLP230GP</a>	.23 qHD	FQP	54	54 LGA/LGA	2515731 (Std-Hgt) or 2516194 (Low-Hgt)		BDX0054CMMF4AU00
	<a href="#">DLP230KP</a>	.23 HD						BDX0054CMMF4AU01
	<a href="#">DLP230NP</a>	.23 1080p						
S247	<a href="#">DLP3021</a>	.30 WVGA	FQR	56	56 LGA/LGA	2516672		BDX0056DMMSXAU00
S310	<a href="#">DLP4500</a> <a href="#">DLP4500NIR</a>	.45 WXGA	FQD	80	40 LGA/BGA (2 req'd)	2510978		FBX0040CMMF6AU00
S311	<a href="#">DLP4501</a>	.45 WXGA	FQG					
S312	<a href="#">DLP4710</a>	.47 1080p	FQL	100	100 LGA/LGA	2513791		BDX0100CMMHFAU00
S315	<a href="#">DLP3310</a>	.33 1080p	FQM	92	92 LGA/LGA	2515010		BBX0092CMMHFAU00
S316	<a href="#">DLP470TP</a>	.47 4K UHD	FQN	250	250 LGA/LGA	2515386		BDX0250CMMF4AU01
S317	<a href="#">DLP471TP</a>		FQQ					


**S246 - 54 pos LGA/LGA Connector**

**S310/311 - 40 pos LGA/BGA Connector**

### FOR MORE INFORMATION

Neoconix, Inc., 4020 Moorpark Ave, #108, San Jose, CA 95117. Web: [www.neoconix.com](http://www.neoconix.com) E: [sales@neoconix.com](mailto:sales@neoconix.com) P: 408.530.9393