

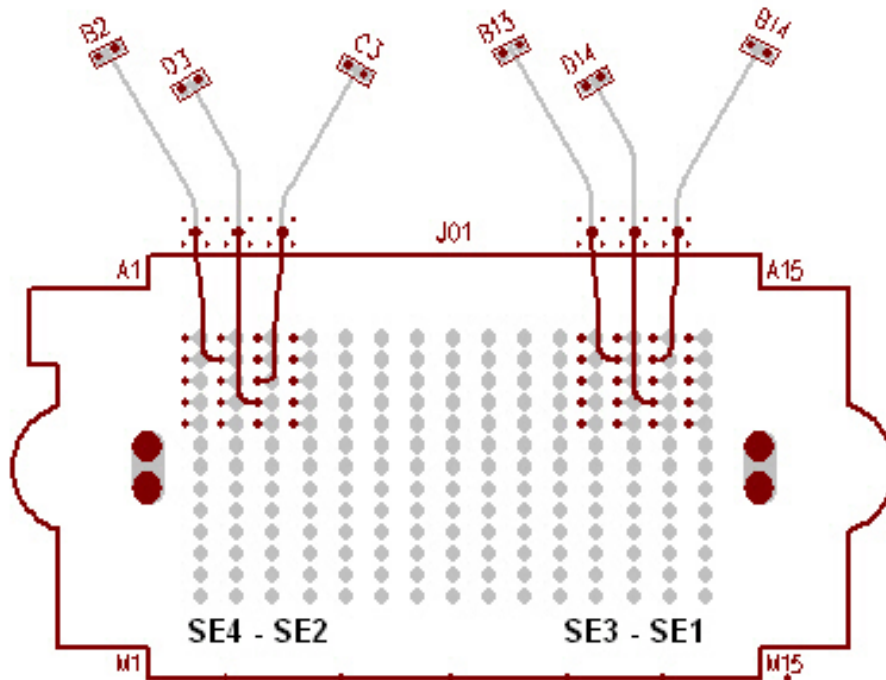
**Series:** HDAM/HDAF Series (HDMezz)

**Description:** 1.2mm x 2mm grid interconnect system, high density array, 35mm Stack Height

## Frequency Domain Data Summary

Table 1 - Single-Ended Signaling System Performance			
Test Parameter	Source	Victim	
Insertion Loss	port1=HDAM_B14; port2=HDAF_B14		-3dB @ 8.78 GHz
Return Loss	port1=HDAM_B14; port2=HDAF_B14		≤ -3dB to 8.78 GHz
Near-End Crosstalk	HDAM_C3	HDAM_D3	≤ -8dB to 8.78 GHz
	HDAM_B14	HDAM_D14	≤ -20dB to 8.78 GHz
	HDAM_B14	HDAM_B13	≤ -18dB to 8.78 GHz
	HDAM_C3	HDAM_B2	≤ -18dB to 8.78 GHz
Far-End Crosstalk	HDAM_C3	HDAF_D3	≤ -8dB to 8.78 GHz
	HDAM_B14	HDAF_D14	≤ -20dB to 8.78 GHz
	HDAM_B14	HDAF_B13	≤ -18dB to 8.78 GHz
	HDAM_C3	HDAF_B2	≤ -32dB to 8.78 GHz

Pin Map (reference Appendix C for full description of test boards)

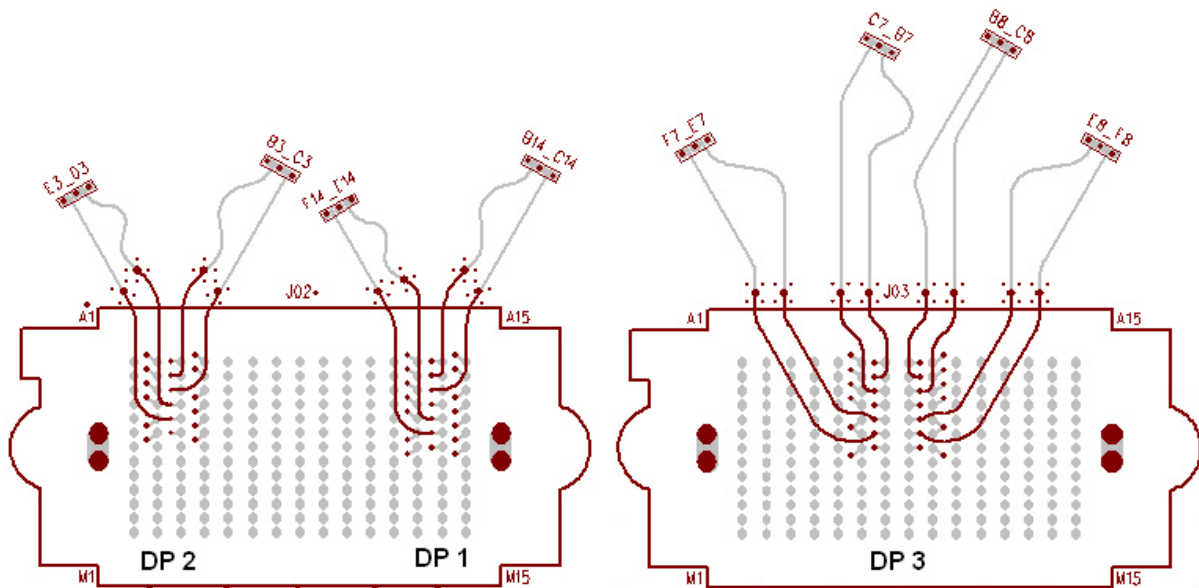


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Table 2 – Differential Pair Signaling System Performance			
Test Parameter	Source	Victim	
Insertion Loss	port1=HDAM_B14-C14; port2=HDAF_B14-C14		-3dB 8.86 GHz
Return Loss	port1=HDAM_B14-C14; port2=HDAF_B14-C14		≤ -5dB to 8.86 GHz
Near-End Crosstalk	HDAM_B3-C3	HDAM_D3-E3	≤ -15dB to 8.86 GHz
	HDAM_B14-C14	HDAM_E14-F14	≤ -38dB to 8.86 GHz
	HDAM_E8-F8	HDAM_E7-F7	≤ -25dB to 8.86 GHz
	HDAM_E8-F8	HDAM_B7-C7	≤ -35dB to 8.86GHz
Far-End Crosstalk	HDAM_B3-C3	HDAF_D3-E3	≤ -22dB to 8.86 GHz
	HDAM_B14-C14	HDAF_E14-F14	≤ -38dB to 8.86 GHz
	HDAM_E8-F8	HDAM_E7-F7	≤ -25dB to 8.86 GHz
	HDAM_E8-F8	HDAM_B7-C7	≤ -30dB to 8.86 GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

