

Series: MIT/MIS, Mixed Technology

Description: Parallel Board-to-Board, 0.635mm Pitch, 22mm (0.866") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 3.84GHz
Return Loss	GSG	≤ -5 dB to 3.84GHz
Near-End Crosstalk	GAQG	≤ - 5 dB to 3.84GHz
	GAGQG	≤ -20 dB to 3.84GHz
	Xrow, GAG to GQG	≤ -40 dB to 3.84GHz
Far-End Crosstalk	GAQG	≤ -15 dB to 3.84GHz
	GAGQG	≤ -20 dB to 3.84GHz
	Xrow, GAG to GQG	≤ -40dB to 3.84GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 7.00GHz
Return Loss	GSSG	≤ -5dB to 7.00GHz
Near-End Crosstalk	GAAQQG	≤ -15 dB to 7.00 GHz
	GAAGQQG	≤ -25 dB to 7.00 GHz
	Xrow, GAASS to GQQG	≤ -38 dB to 7.00 GHz
Far-End Crosstalk	GAAQQG	≤ -22dB to 7.00 GHz
	GAAGQQG	≤ -22 dB 7.00 GHz
	Xrow, GAASS to GQQG	≤ -40 dB to 7.00 GHz

**PCB/Connector Test System
Single Ended & Differential Signal Response
MIS-01 / MIT-06**

