

**Series:** FW/CLP Micro Socket and Terminal Board Stacker  
**Description:** Parallel Board-to-Board, 0.050" [1.27mm] Pitch, 17.7mm (0.696") Stack Height

## Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	<b>-3dB @ 2.92 GHz</b>
Return Loss	GSG	≤ -3dB to 2.92GHz
Near-End Crosstalk	GAQG	≤ -8dB to 2.92GHz
	GAGQG	≤ -25dB to 2.92GHz
	Xrow, GAG to GQG	≤ -12dB to 2.92GHz
Far-End Crosstalk	GAQG	≤ -12dB to 2.92GHz
	GAGQG	≤ -25dB to 2.92GHz
	Xrow, GAG to GQG	≤ -12dB to 2.92GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	<b>-3dB @ 3.58 GHz</b>
Return Loss	GSSG	≤ -3dB to 3.58 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 3.58 GHz
	GAAGQQG	≤ -38dB to 3.58 GHz
	Xrow, GAASS to GQQG	≤ -12dB to 3.58 GHz
Far-End Crosstalk	GAAQQG	≤ -22dB to 3.58 GHz
	GAAGQQG	≤ -40dB to 3.58 GHz
	Xrow, GAASS to GQQG	≤ -15dB to 3.58 GHz

**PCB/Connector Test System  
 Single Ended & Differential Signal Response  
 CLP-02 / FW-05**

