

Series: SFM/TFM

Description: Micro Board-to-Board, 1.27mm Pitch, 11.81mm (0.465") Stack Height

## Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	<b>-3dB @ 3.90 GHz</b>
Return Loss	GSG	≤ -3 dB to 3.90 GHz
Near-End Crosstalk	GAQG	≤ -8dB to 3.90 GHz
	GAGQG	≤ -25dB to 3.90 GHz
	Xrow, GAG to GQG	≤ -12dB to 3.90 GHz
Far-End Crosstalk	GAQG	≤ -12dB to 3.90 GHz
	GAGQG	≤ -25dB to 3.90 GHz
	Xrow, GAG to GQG	≤ -15dB to 3.90 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	<b>-3dB @ 4.46 GHz</b>
Return Loss	GSSG	≤ -5dB to 4.46 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 4.46 GHz
	GAAGQQG	≤ -35dB to 4.46 GHz
	Xrow, GAASS to GQQG	≤ -15dB to 4.46 GHz
Far-End Crosstalk	GAAQQG	≤ -25dB to 4.46 GHz
	GAAGQQG	≤ -35dB to 4.46 GHz
	Xrow, GAASS to GQQG	≤ -20dB to 4.46 GHz

**PCB/Connector Test System  
Single Ended & Differential Signal Response  
SFM-02 / TFM-32**

