

Series: SFM/TFM

Description: Micro Board-to-Board, 1.27mm Pitch, 6.35mm (0.250") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 5.84 GHz
Return Loss	GSG	≤ -5 dB to 5.84 GHz
Near-End Crosstalk	GAQG	≤ -10dB to 5.84 GHz
	GAGQG	≤ -22dB to 5.84 GHz
	Xrow, GAG to QQG	≤ -10dB to 5.84 GHz
Far-End Crosstalk	GAQG	≤ -20dB to 5.84 GHz
	GAGQG	≤ -20dB to 5.84 GHz
	Xrow, GAG to QQG	≤ -10dB to 5.84 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 6.56 GHz
Return Loss	GSSG	≤ -5dB to 6.56 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 6.56 GHz
	GAAGQQG	≤ -30dB to 6.56 GHz
	Xrow, GAASS to GQQG	≤ -15dB to 6.56 GHz
Far-End Crosstalk	GAAQQG	≤ -22dB to 6.56 GHz
	GAAGQQG	≤ -25dB to 6.56 GHz
	Xrow, GAASS to GQQG	≤ -15 dB to 6.56 GHz

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

