

Series: QTH / QSH

Description: Parallel Board-to-Board, 0.5mm Pitch, 8mm (0.315") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 8.40 GHz
Return Loss	GSG	≤ -5dB to 8.40 GHz
Near-End Crosstalk	GAQG	≤ -5dB to 8.40 GHz
	GAGQG	≤ -15dB to 8.40 GHz
	Xrow, GAG to GQG	≤ -25dB to 8.40 GHz
Far-End Crosstalk	GAQG	≤ -10dB to 8.40 GHz
	GAGQG	≤ -8dB to 8.40 GHz
	Xrow, GAG to GQG	≤ -20dB to 8.40 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 7.82 GHz
Return Loss	GSSG	≤ -5dB to 7.82 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 7.82 GHz
	GAAGQQG	≤ -28dB to 7.82 GHz
	Xrow, GAAG to GQQG	≤ -40dB to 7.82 GHz
Far-End Crosstalk	GAQG	≤ -25dB to 7.82 GHz
	GAGQG	≤ -22dB to 7.82 GHz
	Xrow, GAAG to GQQG	≤ -38dB to 7.82 GHz

**PCB/Connector Test System
Single Ended & Differential Signal Response
QSH-01/QTH-02 Series (8mm Stack Height)**

