

Series: QSE/QTE

Description: Parallel Board-to-Board, 0.8mm Pitch, 8mm (0.315") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 4.92 GHz
Return Loss	GSG	≤ -3dB to 4.92 GHz
Near-End Crosstalk	GAQG	≤ -8dB to 4.92 GHz
	GAGQG	≤ -20dB to 4.92 GHz
	Xrow, GAG to GQG	≤ -38dB to 4.92GHz
Far-End Crosstalk	GAQG	≤ -15dB to 4.92 GHz
	GAGQG	≤ -25dB to 4.92 GHz
	Xrow, GAG to GQG	≤ -44dB to 4.92 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 7.94 GHz
Return Loss	GSSG	≤ -5dB to 7.94 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 7.94 GHz
	GAAGQQG	≤ -25dB to 7.94 GHz
	Xrow, GAAG to GQQG	≤ -35dB to 7.94 GHz
Far-End Crosstalk	GAAQQG	≤ -22dB to 7.94 GHz
	GAAGQQG	≤ -22dB to 7.94 GHz
	Xrow, GAAG to GQQG	≤ -32dB to 7.94 GHz

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

