

Series: QTH / QSH

Description: Parallel Board-to-Board, 0.5mm Pitch, 30mm (1.181") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 2.88 GHz
Return Loss	GSG	≤ -5 dB to 2.88 GHz
Near-End Crosstalk	GAQG	≤ -5dB to 2.88 GHz
	GAGQG	≤ -22dB to 2.88 GHz
	Xrow, GAG to QQG	≤ -35dB to 2.88 GHz
Far-End Crosstalk	GAQG	≤ -12dB to 2.88 GHz
	GAGQG	≤ -22dB to 2.88 GHz
	Xrow, GAG to QQG	≤ -35dB to 2.88 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 1.1 GHz
Return Loss	GSSG	≤ -3dB to 1.10 GHz
Near-End Crosstalk	GAAQQG	≤ -15dB to 1.10 GHz
	GAAGQQG	≤ -35dB to 1.10 GHz
	Xrow, GAAG to GQQG	≤ -45dB to 1.10 GHz
Far-End Crosstalk	GAQG	≤ -22dB to 1.10 GHz
	GAGQG	≤ -38dB to 1.10 GHz
	Xrow, GAAG to GQQG	≤ -48dB to 1.10 GHz

