

Series: TW/CLT Surface Mount Series

Description: Micro, Board-to-Board, 2.0mm Pitch, 18mm (0.709") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 2.14 GHz
Return Loss	GSG	≤ -5 dB to 2.14 GHz
Near-End Crosstalk	GAQG	≤ -10dB to 2.14 GHz
	GAGQG	≤ -25dB to 2.14 GHz
	Xrow, GAG to GQG	≤ -12dB to 2.14 GHz
Far-End Crosstalk	GAQG	≤ -12dB to 2.14 GHz
	GAGQG	≤ -25dB to 2.14 GHz
	Xrow, GAG to GQG	≤ -12dB to 2.14 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 2.82 GHz
Return Loss	GSSG	≤ -3dB to 2.82 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 2.82 GHz
	GAAGQQG	≤ -40dB to 2.82 GHz
	Xrow, GAASS to GQQG	≤ -18dB to 2.82 GHz
Far-End Crosstalk	GAAQQG	≤ -22dB to 2.82 GHz
	GAAGQQG	≤ -40dB to 2.82 GHz
	Xrow, GAASS to GQQG	≤ -20 dB to 2.82 GHz

PCB/Connector Test System
Single Ended & Differential Signal Response
CLT-02 / TW-07

