

Series: TEM/SEM Series

Description: Micro Tiger Eye™ Board-to-Board 0.8mm Pitch, 10 mm (0.394”) stack height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 14.21GHz
Return Loss	GSG	-12.63dB @ 14.21GHz
Near-End Crosstalk	GAQG	-14.61dB @ 14.21GHz
	GAGQG	-19.32dB @ 14.21GHz
	Xrow, GAG to GQG	-27.85dB @ 14.21GHz
Far-End Crosstalk	GAQG	-9.28dB @ 14.21GHz
	GAGQG	-15.41dB @ 14.21GHz
	Xrow, GAG to GQG	-26.07dB @ 14.21GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 17.36GHz
Return Loss	GSSG	-5.126dB @ 17.36GHz
Near-End Crosstalk	GAAQQG	-29.05dB @ 17.36GHz
	GAAGQQG	-34.04dB @ 17.36GHz
	Xrow, GAAG to GQQG	-39.83dB @ 17.36GHz
Far-End Crosstalk	GAAQQG	-22.43dB @ 17.36GHz
	GAAGQQG	-24.81dB @ 17.36GHz
	Xrow, GAAG to GQQG	-27.42dB @ 17.36GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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