

Series: QTH/QSH

Description: High Speed Ground Plane Header, 0.5mm (.0197") Pitch, 25mm (.984") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB @ 3.05 GHz
Return Loss	GSG	>10dB to 1.313 GHz
Near-End Crosstalk	GAQG	< -20dB to 0.238 GHz
	GAGQG	< -20dB to 13.363 GHz
	Xrow, GAG to GQG	< -20dB to 20 GHz
Far-End Crosstalk	GAQG	< -20dB to 2.463 GHz
	GAGQG	< -20dB to 16.075 GHz
	Xrow, GAG to GQG	< -20dB to 20 GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB @ 8.1 GHz
Return Loss	GSSG	>10dB to 0.563 GHz
Near-End Crosstalk	GAAQQG	< -20dB to 0.8 GHz
	GAAGQQG	< -20dB to 17.2 GHz
	Xrow, GAAG to GQQG	< -20dB to 18.125 GHz
Far-End Crosstalk	GAAQQG	< -20dB to 20 GHz
	GAAGQQG	< -20dB to 20 GHz
	Xrow, GAAG to GQQG	< -20dB to 20 GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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