

Series: QTH/QSH

Description: High Speed Ground Plane Header, 0.5mm (.0197") Pitch, 5mm (.1969") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB @ 9.3 GHz
Return Loss	GSG	>10dB to 7.675 GHz
Near-End Crosstalk	GAQG	< -20dB to 0.738 GHz
	GAGQG	< -20dB to 8.7 GHz
	Xrow, GAG to GQG	< -20dB to 20 GHz
Far-End Crosstalk	GAQG	< -20dB to 12.275 GHz
	GAGQG	< -20dB to 9.088 GHz
	Xrow, GAG to GQG	< -20dB to 20 GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB @ 10.475 GHz
Return Loss	GSSG	>10dB to 7.838 GHz
Near-End Crosstalk	GAAQQG	< -20dB to 13.588 GHz
	GAAGQQG	< -20dB to 20.000 GHz
	Xrow, GAAG to GQQG	< -20dB to 20.000 GHz
Far-End Crosstalk	GAAQQG	< -20dB to 20.000 GHz
	GAAGQQG	< -20dB to 20.000 GHz
	Xrow, GAAG to GQQG	< -20dB to 20.000 GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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