

Series: SIBF

Description: High Speed One Piece Interface, 1.27mm Pitch, 3mm Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB @ 6.713 GHz
Return Loss	GSG	>10dB to 4.838 GHz
Near-End Crosstalk	GAQG	< -20dB to 0.600 GHz
	GAGQG	< -20dB to 5.950 GHz
	Xrow, GAG to GQG	N/A
Far-End Crosstalk	GAQG	< -20dB to 3.688 GHz
	GAGQG	< -20dB to 6.125 GHz
	Xrow, GAG to GQG	N/A

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB @ 7.550 GHz
Return Loss	GSSG	>10dB to 5.450 GHz
Near-End Crosstalk	GAAQQG	< -20dB to 12.213 GHz
	GAAGQQG	< -20dB to 13.500 GHz
	Xrow, GAAG to GQQG	N/A
Far-End Crosstalk	GAAQQG	< -20dB to 12.575 GHz
	GAAGQQG	< -20dB to 14.038 GHz
	Xrow, GAAG to GQQG	N/A

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

SIBF One Piece Interface

