

Series: Basic Blade & Beam Header and Socket, Extended Life Product™

Description: 0.5mm (.0197") Pitch, 5mm (.197") Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance				
Test Parameter	Configuration	Driver	Receiver	
Insertion Loss	GSG	BTH_98	BSH_98	3dB @ 9.0 GHz
Return Loss	GSG	BTH_98	BTH_98	>10dB to 6.5 GHz
Near-End Crosstalk	GAQG	BTH_28	BTH_30	< -20dB to 0.7 GHz
	GAGQG	BTH_98	BTH_102	< -20dB to 9.0 GHz
	Xrow, GAG to GQG	BTH_97	BTH_98	< -20dB to 20.0 GHz
Far-End Crosstalk	GAQG	BTH_28	BTH_30	< -20dB to 9.5 GHz
	GAGQG	BTH_98	BTH_102	< -20dB to 9.5 GHz
	Xrow, GAG to GQG	BTH_97	BTH_98	< -20dB to 20.0 GHz

Table 2 - Differential Connector System Performance				
Test Parameter	Configuration	Driver	Receiver	
Insertion Loss	GSSG	BTH_63,65	BTH_63,65	3dB @ 9.1 GHz
Return Loss	GSSG	BTH_63,65	BTH_63,65	>10dB to 2.0 GHz
Near-End Crosstalk	GAAQQG	BTH_57,59	BTH_61,63	< -20dB to 13.2 GHz
	GAAGQQG	BTH_57,59	BTH_63,65	< -20dB to 20.0 GHz
	Xrow, GAAG to GQQG	BTH_27,29	BTH_28,30	< -20dB to 20.0 GHz
Far-End Crosstalk	GAAQQG	BTH_57,59	BTH_61,63	< -20dB to 20.0 GHz
	GAAGQQG	BTH_57,59	BTH_63,65	< -20dB to 20.0 GHz
	Xrow, GAAG to GQQG	BTH_27,29	BTH_28,30	< -20dB to 20.0 GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

BTH/BSH Connector Series

