

Series: TLH/SLH

Description: Razor Beam™ Ultra Low Profile Terminal/Socket Strip, 0.5mm Pitch, 2mm Stack Height

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB@ 18.5 GHz
Return Loss	GSG	>10dB to 17.1 GHz
Near-End Crosstalk	GAQG	<-20dB to 1.5 GHz
	GAGQG	<-20dB to 20 GHz
	Xrow, GAG to GQG	<-20dB to 20 GHz
Far-End Crosstalk	GAQG	<-20dB to 20 GHz
	GAGQG	<-20dB to 18.3 GHz
	Xrow, GAG to GQG	<-20dB to 17.6 GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB@ 16.3 GHz
Return Loss	GSSG	>10dB to 3.4 GHz
Near-End Crosstalk	GAAQQG	<-20dB to 20GHz
	GAAGQQG	<-20dB to 20GHz
	Xrow, GAAG to GQQG	<-20dB to 20GHz
Far-End Crosstalk	GAAQQG	<-20dB to 20GHz
	GAAGQQG	<-20dB to 20GHz
	Xrow, GAAG to GQQG	<-20dB to 20GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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