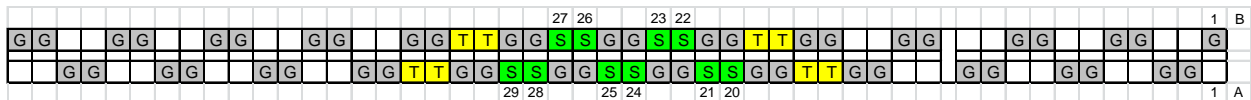


Series: PCIE-LP

Description: 1.00 mm PCI Express® Low Profile Edge Card Connector

Frequency Domain Data Summary

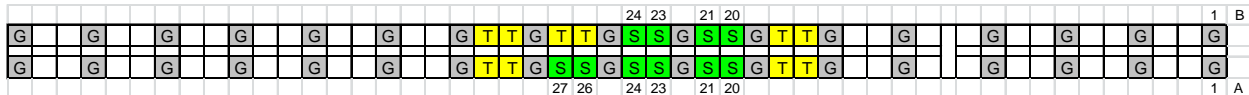
Table 1 - Differential Connector System Performance (85 Ohm)			
Test Parameter	Driver	Receiver	
Insertion Loss	Edge-Card_A24,A25	PCIE-LP_A24,A25	3dB@ 14.8 GHz
Return Loss	Edge-Card_A24,A25	Edge-Card_A24,A25	>10dB to 11.6 GHz
Near-End Crosstalk	Edge-Card_ A24,A25	Edge-Card_A20,A21	<-20dB to 20 GHz
	Edge-Card_ A24,A25	Edge-Card_A28,A29	<-20dB to 20 GHz
	Edge-Card_ A24,A25	Edge-Card_B22,B23	<-20dB to 20 GHz
	Edge-Card_ A24,A25	Edge-Card_B26,B27	<-20dB to 20 GHz
Far-End Crosstalk	Edge-Card_ A24,A25	PCIE-LP_A20,A21	<-20dB to 20 GHz
	Edge-Card_ A24,A25	PCIE-LP_A28,A29	<-20dB to 20 GHz
	Edge-Card_ A24,A25	PCIE-LP_B22,B23	<-20dB to 20 GHz
	Edge-Card_ A24,A25	PCIE-LP_B26,B27	<-20dB to 20 GHz



Series: PCIE-LP

Description: 1.00 mm PCI Express® Low Profile Edge Card Connector

Table 2 - Differential Connector System Performance (100 Ohm)			
Test Parameter	Driver	Receiver	
Insertion Loss	Edge-Card_A23,A24	PCIE-LP_A23,A24	3dB@ 14.4 GHz
Return Loss	Edge-Card_A23,A24	Edge-Card_A23,A24	>10dB to 11.1 GHz
Near-End Crosstalk	Edge-Card_A23,A24	Edge-Card_A20,A21	<-20dB to 20 GHz
	Edge-Card_A23,A24	Edge-Card_A26,A27	<-20dB to 20 GHz
	Edge-Card_A23,A24	Edge-Card_B20,B21	<-20dB to 20 GHz
	Edge-Card_A23,A24	Edge-Card_B23,B24	<-20dB to 20 GHz
Far-End Crosstalk	Edge-Card_A23,A24	PCIE-LP_A20,A21	<-20dB to 20 GHz
	Edge-Card_A23,A24	PCIE-LP_A26,A27	<-20dB to 20 GHz
	Edge-Card_A23,A24	PCIE-LP_B20,B21	<-20dB to 20 GHz
	Edge-Card_A23,A24	PCIE-LP_B23,B24	<-20dB to 20 GHz



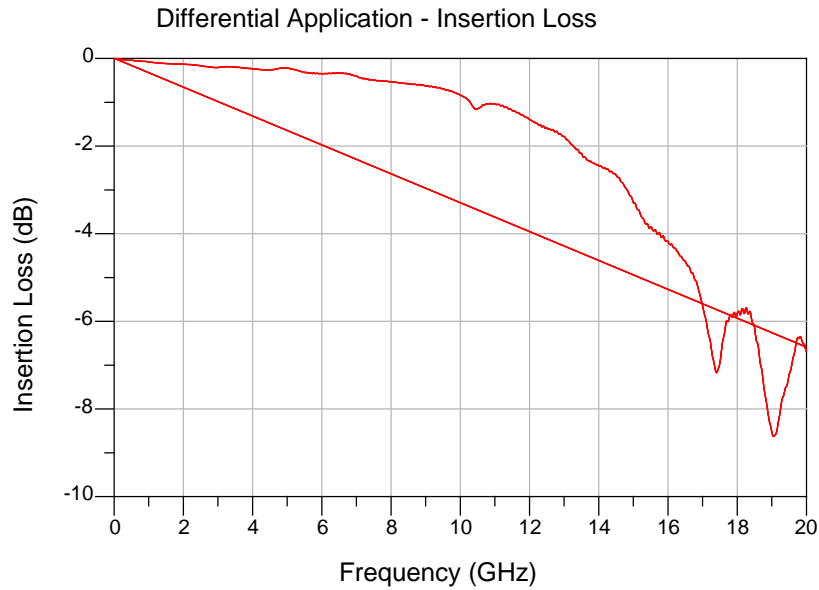
Series: PCIE-LP

Description: 1.00 mm PCI Express® Low Profile Edge Card Connector

Bandwidth Chart – Differential Insertion Loss

PCIE-LP Connector Series

85Ohm



100Ohm

