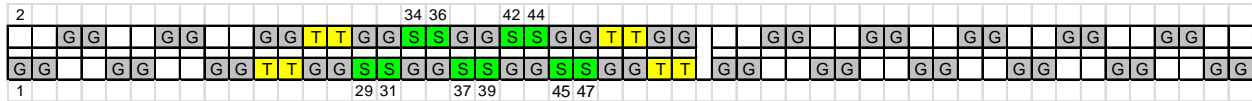


Series: MEC5-DV

Description: High Speed Mini Edge Card Connector, Vertical, SMT Tails, 0.5mm (.0197") Pitch, Mates with 1.60mm (.062") thick cards

Frequency Domain Data Summary

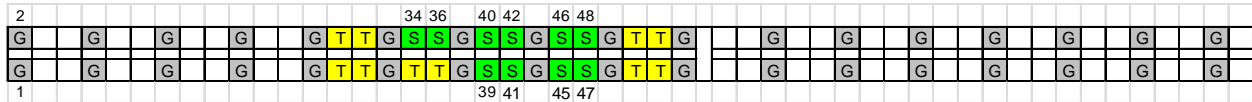
Table 1 - Differential Connector System Performance (85 Ohm)			
Test Parameter	Driver	Receiver	
Insertion Loss	Edge-Card_37,39	MEC5-DV_37,39	3dB@ 20 GHz
Return Loss	Edge-Card_37,39	Edge-Card_37,39	>10dB to 15.3 GHz
Near-End Crosstalk	Edge-Card_37,39	Edge-Card_29,31	<-20dB to 20 GHz
	Edge-Card_37,39	Edge-Card_45,47	<-20dB to 20 GHz
	Edge-Card_37,39	Edge-Card_34,36	<-20dB to 20 GHz
	Edge-Card_37,39	Edge-Card_42,44	<-20dB to 20 GHz
Far-End Crosstalk	Edge-Card_37,39	MEC5-DV_29,31	<-20dB to 20 GHz
	Edge-Card_37,39	MEC5-DV_45,47	<-20dB to 20 GHz
	Edge-Card_37,39	MEC5-DV_34,36	<-20dB to 20 GHz
	Edge-Card_37,39	MEC5-DV_42,44	<-20dB to 20 GHz



Series: MEC5-DV

Description: High Speed Mini Edge Card Connector, Vertical, SMT Tails, 0.5mm (.0197") Pitch, Mates with 1.60mm (.062") thick cards

Table 2 - Differential Connector System Performance (100 Ohm)			
Test Parameter	Driver	Receiver	
Insertion Loss	Edge-Card_40,42	MEC5-DV_40,42	3dB@ 20 GHz
Return Loss	Edge-Card_40,42	Edge-Card_40,42	>10dB to 11.4 GHz
Near-End Crosstalk	Edge-Card_40,42	Edge-Card_34,36	<-20dB to 20 GHz
	Edge-Card_40,42	Edge-Card_46,48	<-20dB to 20 GHz
	Edge-Card_40,42	Edge-Card_39,41	<-20dB to 20 GHz
	Edge-Card_40,42	Edge-Card_45,47	<-20dB to 20 GHz
Far-End Crosstalk	Edge-Card_40,42	MEC5-DV_34,36	<-20dB to 20 GHz
	Edge-Card_40,42	MEC5-DV_46,48	<-20dB to 20 GHz
	Edge-Card_40,42	MEC5-DV_39,41	<-20dB to 20 GHz
	Edge-Card_40,42	MEC5-DV_45,47	<-20dB to 20 GHz



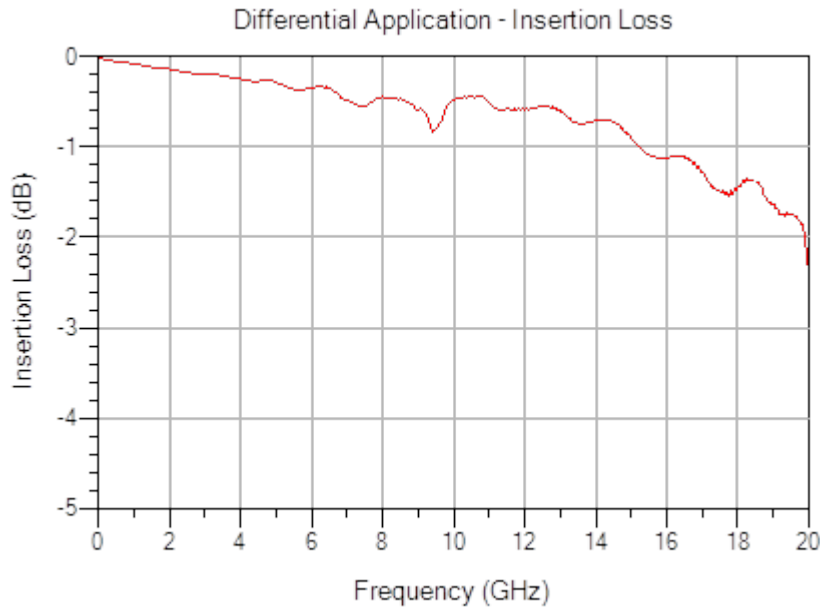
Series: MEC5-DV

Description: High Speed Mini Edge Card Connector, Vertical, SMT Tails, 0.5mm (.0197") Pitch, Mates with 1.60mm (.062") thick cards

Bandwidth Chart – Differential Insertion Loss

MEC5-DV Connector Series

85 ohm



100 ohm

