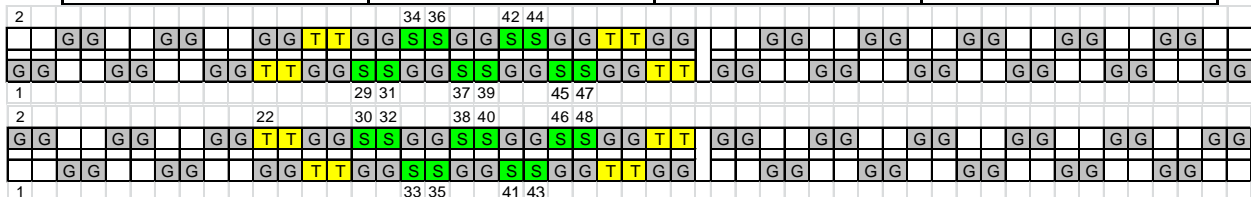


Series: MEC5-RA

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

Frequency Domain Data Summary

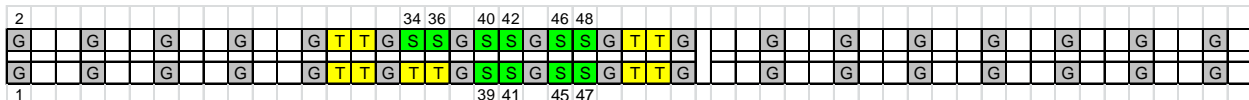
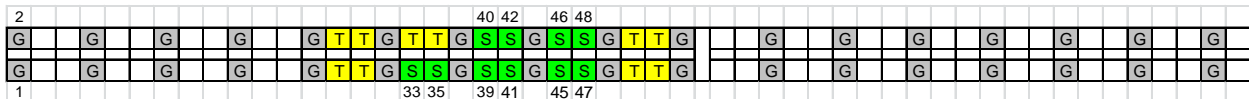
Table 1 - Differential Connector System Performance (85 Ohm)			
Test Parameter	Driver	Receiver	
Insertion Loss	Edge-Card_37,39	MEC5-RA_37,39	3dB@ 18.8 GHz
	Edge-Card_38,40	MEC5-RA_38,40	3dB@ 17.4 GHz
Return Loss	Edge-Card_37,39	Edge-Card_37,39	>10dB to 17.3 GHz
	Edge-Card_38,40	Edge-Card_38,40	>10dB to 13.5 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
	Edge-Card_38,40	Edge-Card_30,32	<-20dB to 20 GHz
	Edge-Card_38,40	Edge-Card_46,48	<-20dB to 20 GHz
	Edge-Card_38,40	Edge-Card_33,35	<-20dB to 20 GHz
	Edge-Card_38,40	Edge-Card_41,43	<-20dB to 20 GHz
Far-End Crosstalk	Edge-Card_37,39	MEC5-RA_29,31	<-20dB to 20 GHz
	Edge-Card_37,39	MEC5-RA_45,47	<-20dB to 20 GHz
	Edge-Card_37,39	MEC5-RA_34,36	<-20dB to 20 GHz
	Edge-Card_37,39	MEC5-RA_42,44	<-20dB to 20 GHz
	Edge-Card_38,40	MEC5-RA_30,32	<-20dB to 20 GHz
	Edge-Card_38,40	MEC5-RA_46,48	<-20dB to 20 GHz
	Edge-Card_38,40	MEC5-RA_33,35	<-20dB to 20 GHz
	Edge-Card_38,40	MEC5-RA_41,43	<-20dB to 20 GHz



Series: MEC5-RA

Description: High Speed Mini Edge Card Connector, Right-Angle, 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_39,41	MEC5-RA_39,41	3dB@ 18.8 GHz
	Edge-Card_40,42	MEC5-RA_40,42	3dB@ 16.4 GHz
Return Loss	Edge-Card_39,41	Edge-Card_39,41	>10dB to 9.7 GHz
	Edge-Card_40,42	Edge-Card_40,42	>10dB to 13.7 GHz
Near-End Crosstalk	Edge-Card_39,41	Edge-Card_33,35	<-20dB to 20 GHz
	Edge-Card_39,41	Edge-Card_45,47	<-20dB to 20 GHz
	Edge-Card_39,41	Edge-Card_40,42	<-20dB to 20 GHz
	Edge-Card_39,41	Edge-Card_46,48	<-20dB to 20 GHz
	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_39,41	MEC5-RA_33,35	<-20dB to 20 GHz
	Edge-Card_39,41	MEC5-RA_45,47	<-20dB to 20 GHz
	Edge-Card_39,41	MEC5-RA_40,42	<-20dB to 20 GHz
	Edge-Card_39,41	MEC5-RA_46,48	<-20dB to 20 GHz
	Edge-Card_40,42	MEC5-RA_34,36	<-20dB to 20 GHz
	Edge-Card_40,42	MEC5-RA_46,48	<-20dB to 20 GHz
	Edge-Card_40,42	MEC5-RA_39,41	<-20dB to 20 GHz
	Edge-Card_40,42	MEC5-RA_45,47	<-20dB to 20 GHz

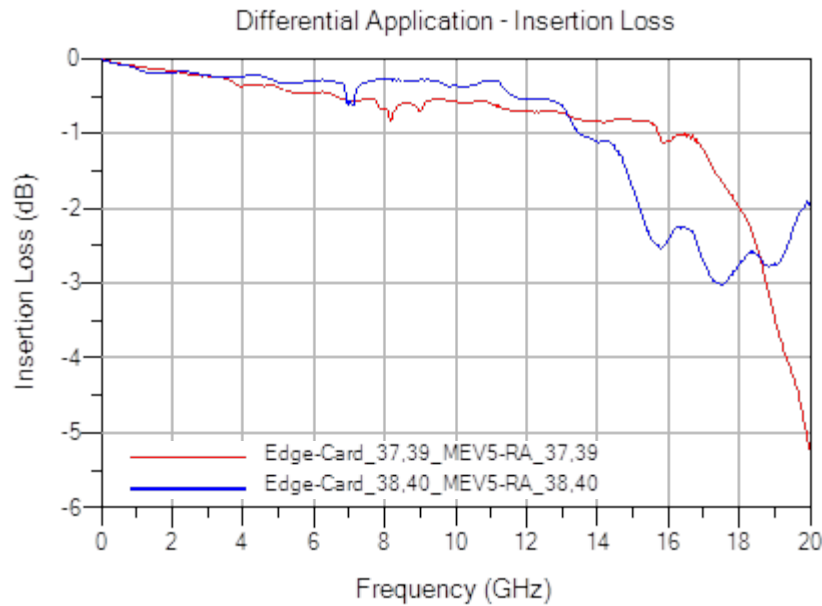


Series: MEC5-RA

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

Bandwidth Chart – Differential Insertion Loss

MEC5-RA Connector Series (85 Ohm)



MEC5-RA Connector Series (100 Ohm)

