Series: MEC8
Description: Mini Edge Card Connector, Edge Mount, 0.8mm Pitch, Mates with 1.6mm thick cards

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
Maximum Impedance	55.46	52.83	51.75	51.56	50.85
Minimum Impedance	43.95	44.94	46.88	48.23	49.11

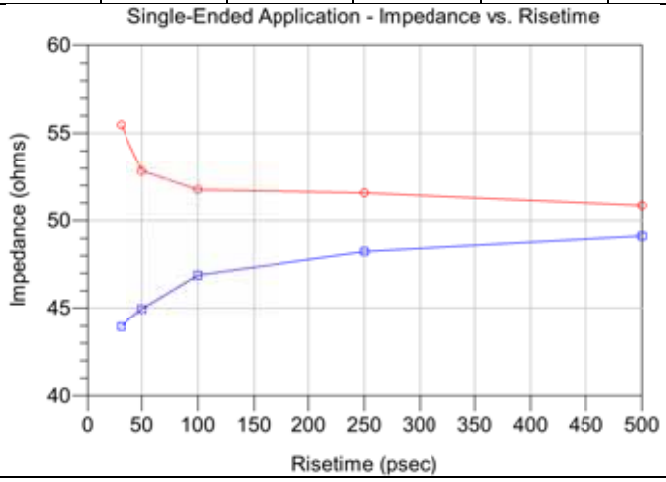
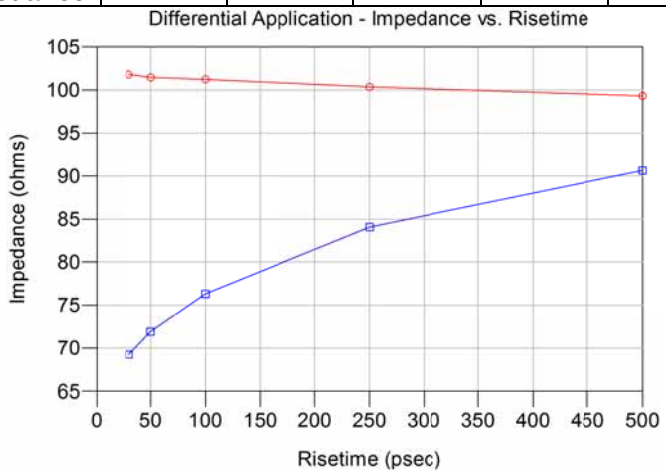


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
Maximum Impedance	101.81	101.46	101.22	100.37	99.32
Minimum Impedance	69.26	71.93	76.32	84.07	90.64



Series: MEC8
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Table 5 - Single-Ended Crosstalk (%)								
Input(t_r)	**Configuration**	**Driver**	**Receiver**	**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
NEXT	GAQG	Edge_Card_22	Edge_Card_24	20.53	19.43	17.80	10.57	5.77
	GAGQG	Edge_Card_62	Edge_Card_66	3.73	3.08	2.21	1.27	0.65
	Xrow	Edge_Card_61	Edge_Card_62	2.10	1.92	1.43	0.87	0.50
FEXT	GAQG	Edge_Card_22	MEC8_24	3.58	2.86	2.41	1.22	0.60
	GAGQG	Edge_Card_62	MEC8_66	1.94	1.72	1.12	0.45	0.21
	Xrow	Edge_Card_61	MEC8_62	0.72	0.51	0.14	<0.1	<0.1

Table 6 - Differential Crosstalk (%)								
Input(t_r)	**Configuration**	**Driver**	**Receiver**	**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
NEXT	GAAQQG	Edge_Card_28,30	Edge_Card_32,34	5.64	5.19	4.93	3.15	1.74
	GAAGQQG	Edge_Card_28,30	Edge_Card_34,36	0.63	0.53	0.37	0.23	<0.1
	Xrow	Edge_Card_21,23	Edge_Card_22,24	0.60	0.51	0.34	0.21	0.12
FEXT	GAAQQG	Edge_Card_28,30	MEC8_32,34	1.42	1.28	1.06	0.73	0.39
	GAAGQQG	Edge_Card_28,30	MEC8_34,36	0.24	0.21	0.13	<0.1	<0.1
	Xrow	Edge_Card_22,24	MEC8_21,23	0.23	0.19	0.14	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	76 ps
Differential	68 ps