Series: MEC8
Description: Mini Edge Card Vertical Socket, 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	55.88	52.98	50.79	50.24	49.80
Minimum Impedance	41.06	41.89	45.17	47.19	48.22

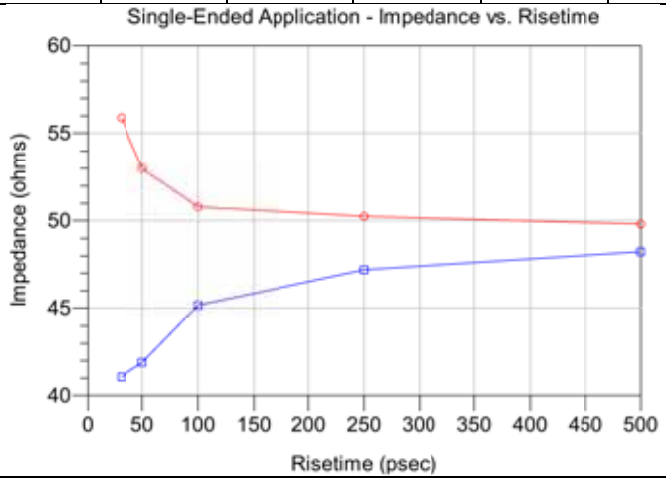
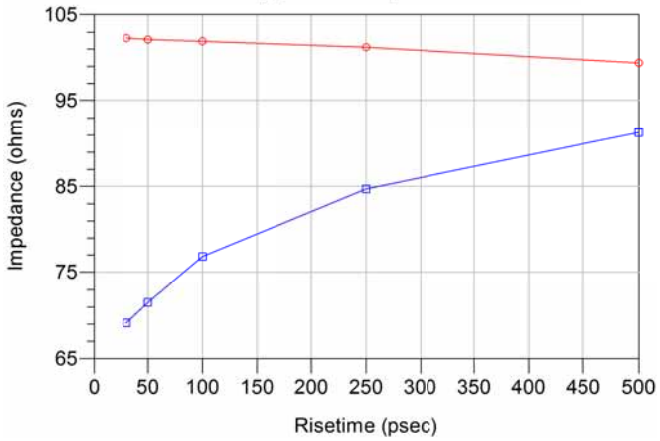


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
Maximum Impedance	102.27	102.11	101.89	101.19	99.38
Minimum Impedance	69.12	71.49	76.82	84.68	91.27



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	19.36	17.78	15.76	8.69	4.63
	GAGQG	Edge_Card_62	Edge_Card_66	3.73	3.14	2.26	1.15	0.58
	Xrow	Edge_Card_61	Edge_Card_62	1.98	1.84	1.31	0.67	0.34
FEXT	GAQG	Edge_Card_22	MEC8_24	3.45	3.16	2.33	0.85	0.30
	GAGQG	Edge_Card_62	MEC8_66	2.71	2.21	1.28	0.49	0.24
	Xrow	Edge_Card_61	MEC8_62	0.96	0.61	0.21	<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	5.29	4.95	4.39	2.62	1.40
	GAAGQQG	Edge_Card_28,30	Edge_Card_34,36	0.55	0.45	0.31	0.21	<0.1
	Xrow	Edge_Card_21,23	Edge_Card_22,24	0.53	0.47	0.30	0.10	<0.1
FEXT	GAAQQG	Edge_Card_28,30	MEC8_32,34	1.53	1.32	1.00	0.62	0.34
	GAAGQQG	Edge_Card_28,30	MEC8_34,36	0.31	0.26	0.14	<0.1	<0.1
	Xrow	Edge_Card_22,24	MEC8_21,23	0.25	0.16	0.10	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	74 ps
Differential	61ps