

Series: MEC8-VP

Description: Mini Edge Card Vertical Socket, 0.8 mm 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	59.76	57.00	52.61	51.05	50.50
Minimum Impedance	43.93	44.99	48.10	49.94	49.96

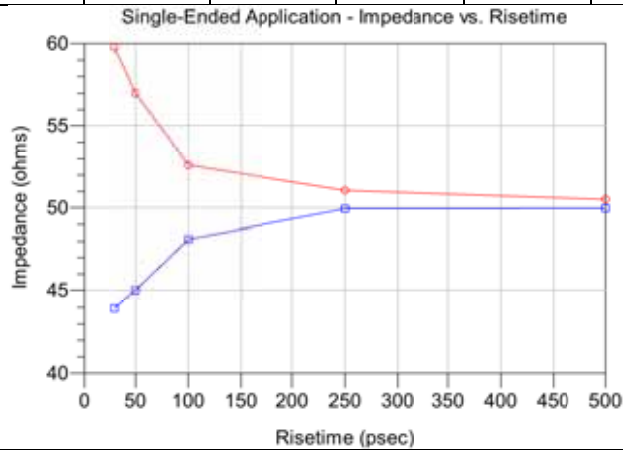
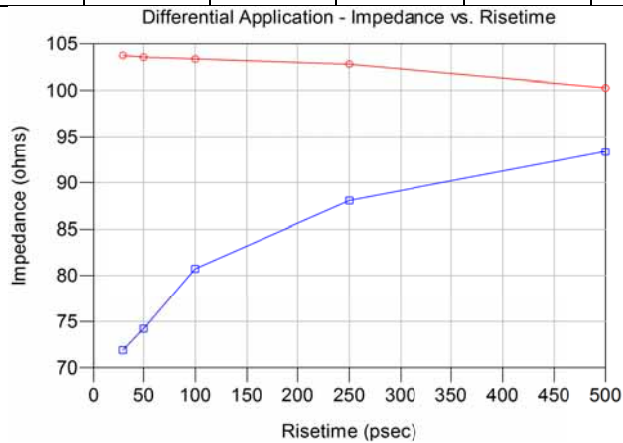


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	103.74	103.55	103.36	102.79	100.28
Minimum Impedance	71.88	74.23	80.73	88.07	93.37





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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	19.03	18.09	16.29	9.59	5.11
	GAGQG	Edge_Card_62	Edge_Card_66	3.83	3.61	3.08	1.74	0.91
	Xrow	Edge_Card_61	Edge_Card_62	2.25	2.02	1.39	0.69	0.36
FEXT	GAQG	Edge_Card_22	MEC8_24	3.79	3.02	1.39	0.38	0.23
	GAGQG	Edge_Card_62	MEC8_66	5.13	3.90	2.14	0.88	0.47
	Xrow	Edge_Card_62	MEC8_61	0.70	0.59	0.35	0.13	<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	5.62	5.06	4.38	2.20	1.10
	GAAGQQG	Edge_Card_28,30	Edge_Card_34,36	1.38	1.21	0.89	0.49	0.25
	Xrow	Edge_Card_21,23	Edge_Card_22,24	0.60	0.51	0.31	0.10	<0.1
FEXT	GAAQQG	Edge_Card_28,30	MEC8_32,34	7.56	5.95	3.36	1.50	0.85
	GAAGQQG	Edge_Card_28,30	MEC8_34,36	2.14	1.60	0.82	0.26	0.13
	Xrow	Edge_Card_22,24	MEC8_21,23	0.37	0.29	0.15	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)

Single-Ended	89 ps
Differential	85 ps