

Series: MEC2-DV

Description: Edge Card Socket, Vertical, Surface Mount, 2mm Pitch, 1.6mm Load Card

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	57.9	55.3	52.8	50.8	50.2
Minimum Impedance	42.5	45.4	46.4	47.9	48.9

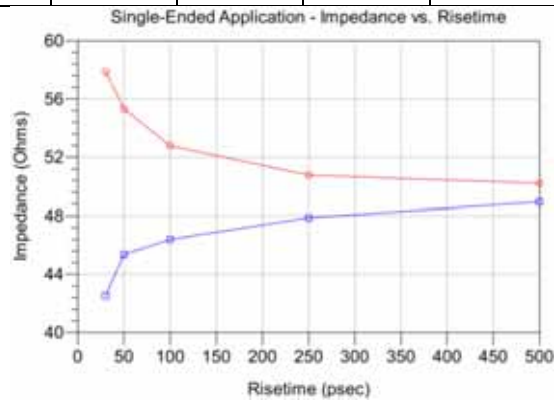
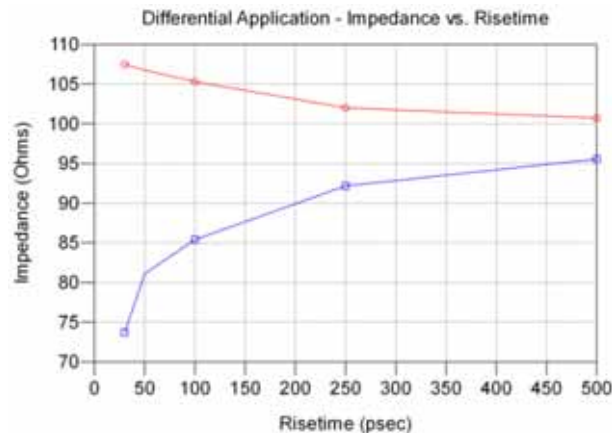


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	107.5	106.7	105.3	102.0	100.7
Minimum Impedance	73.7	81.1	85.4	92.2	95.5



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Table 5 - Single-Ended Crosstalk (%)

Input(tr)	Configuration	Driver	Receiver	30 ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAQG	Edge-Card_43	Edge-Card_45	17.01	15.01	12.49	6.30	3.52
	GAGQG	Edge-Card_16	Edge-Card_20	2.44	1.98	1.48	0.71	0.39
	Xrow	Edge-Card_15	Edge-Card_16	11.84	9.52	5.90	2.66	1.46
FEXT	GAQG	Edge-Card_43	MEC2_45	10.17	8.15	5.17	2.42	1.26
	GAGQG	Edge-Card_20	MEC2_16	2.67	2.09	1.19	0.52	0.23
	Xrow	Edge-Card_16	MEC2_15	2.21	1.24	0.45	0.19	0.13

Table 6 - Differential Crosstalk (%)

Input(tr)	Configuration	Driver	Receiver	30 ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	Edge-Card _51_53	Edge-Card _55_57	5.58	4.59	3.70	1.86	1.08
	GAAGQQG	Edge-Card _44_46	Edge-Card _50_52	0.51	0.36	0.25	0.11	<0.1
	Xrow	Edge-Card _43_45	Edge-Card _44_46	7.33	5.58	3.16	1.40	0.76
FEXT	GAAQQG	Edge-Card _51_53	MEC2_55_57	1.43	0.96	0.45	0.15	<0.1
	GAAGQQG	Edge-Card _44_46	MEC2_50_52	0.53	0.39	0.18	<0.1	<0.1
	Xrow	Edge-Card _43_45	MEC2_44_46	2.30	1.64	0.85	0.44	0.21

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Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	69 ps
Differential	63 ps