

Series: MIT/MIS, Mixed Technology

Description: Parallel Board-to-Board, 0.635mm Pitch, 22mm (0.866") Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	64.3	59.2	55.7	51.1	50.6	50.6	50.2
Minimum Impedance	36.3	36.9	39.0	43.8	46.7	47.9	48.7

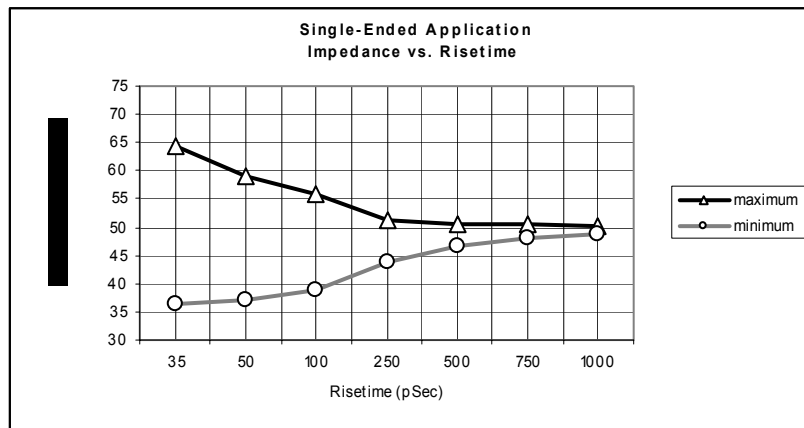
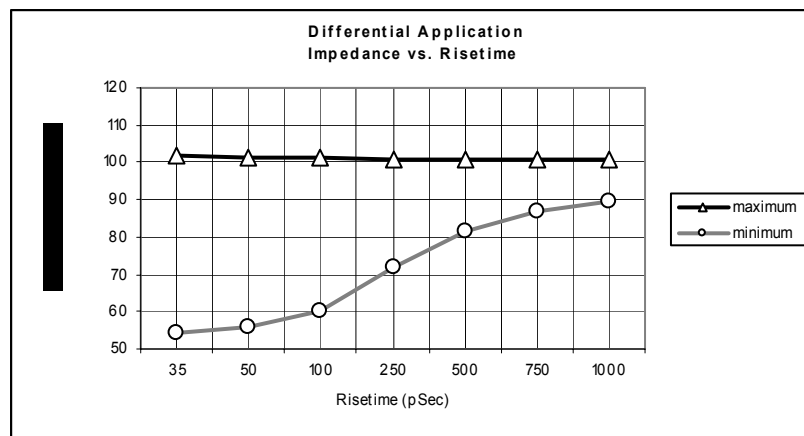


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	102.1	101.1	101.1	101.0	101.0	100.9	100.8
Minimum Impedance	54.2	55.6	60.1	72.1	81.7	86.7	89.7



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Table 5 - Single-Ended Crosstalk (%)

Input (t _r)		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAQG	21.9	20.7	20.2	15.9	10.2	7.4	5.8
	GAGQG	4.1	3.1	2.6	1.8	1.2	< 1.0	< 1.0
	Xrow ^{se}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAQG	4.3	2.8	1.7	< 1.0	< 1.0	< 1.0	< 1.0
	GAGQG	3.0	2.1	1.4	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 6 - Differential Crosstalk (%)

Input (t _r)		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAAQQSS	6.7	6.5	6.2	4.9	2.9	2.4	1.9
	GAAGQQG	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{diff}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAAQQSS	2.3	1.9	1.9	1.7	1.1	< 1.0	< 1.0
	GAAGQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{diff}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 7 - Propagation Delay (Mated Connector)

Single-Ended	166ps
Differential	163ps