

Series: SAL1 (Qty=2)

Description: Perpendicular Board-to-Board, 1.0mm Pitch, Edge Card Bottom Entry

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	69.5	61.5	55.8	51.4	51.2	51.0	50.9
Minimum Impedance	43.0	45.3	46.5	49.9	50.5	50.6	50.5

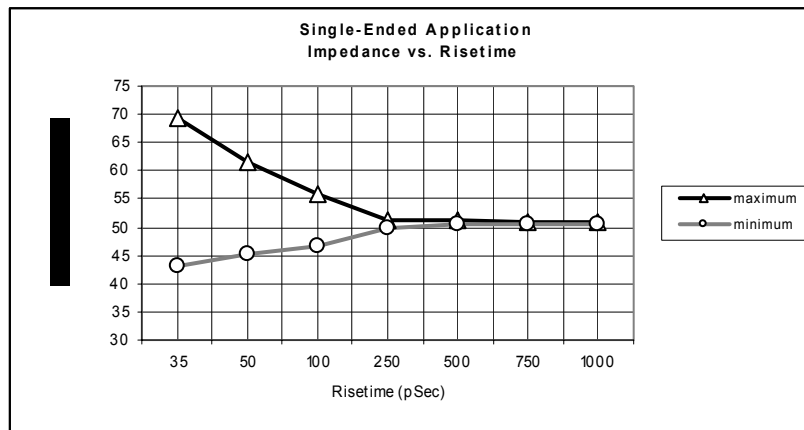
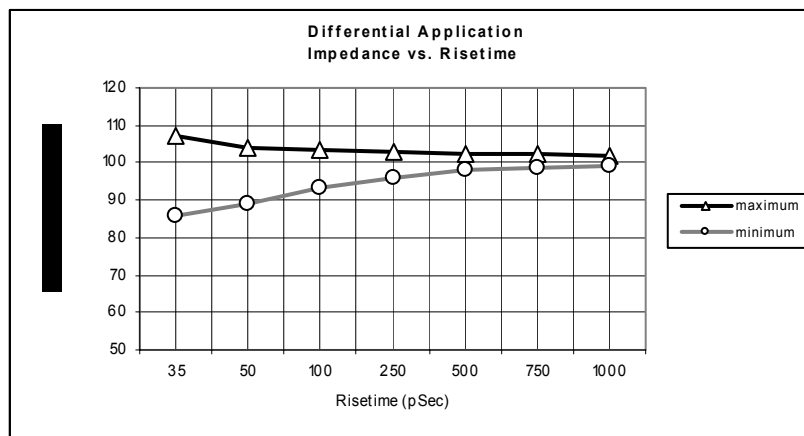


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	107.3	104.1	103.5	102.8	102.6	102.2	101.9
Minimum Impedance	85.9	89.3	93.4	95.8	98.2	98.9	99.1



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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	16.2	13.5	10.0	5.1	2.8	2.0	1.5
	GAGQG	4.5	3.7	2.5	1.2	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAQG	9.4	7.4	5.2	2.4	1.3	< 1.0	< 1.0
	GAGQG	4.4	3.1	2.0	< 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	GAAQQG	3.7	3.0	2.3	1.3	< 1.0	< 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
FEXT	GAAQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	79.0 ps
Differential	70.0 ps