

Series: FSI Series

Description: One Piece Board Stacking Interconnect, 1.0mm Pitch, 10mm (0.394") Body Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	89.5	87.9	75.0	59.3	54.5
Minimum Impedance	42.5	45.6	49.4	50.0	50.0

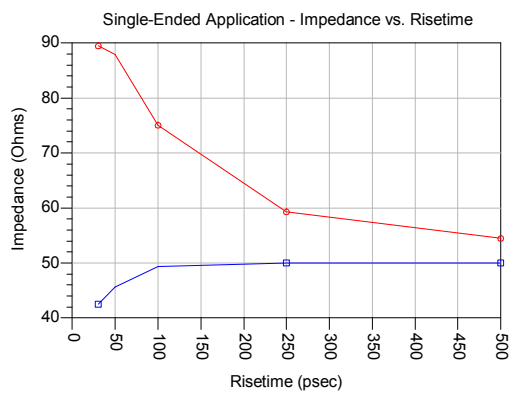
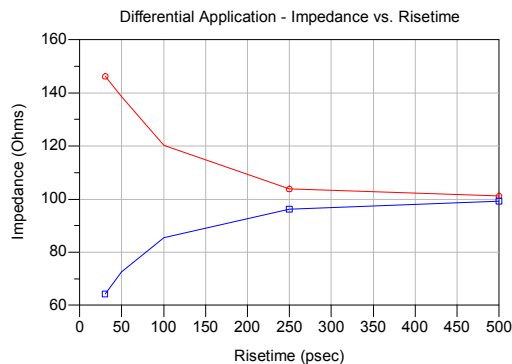


Table 4 - Differential Impedance (Ω)					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	146.3	138.7	120.2	103.8	101.3
Minimum Impedance	64.2	72.5	85.5	96.1	99.3



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAQG	19.3	18.1	16.3	10.5	5.9
	GAGQG	5.0	4.1	3.2	1.9	1.0
	Xrow	1.1	0.7	0.5	0.3	0.2
FEXT	GAQG	9.1	7.1	6.2	4.0	2.3
	GAGQG	4.6	3.5	2.2	1.2	0.6
	Xrow	1.3	0.9	0.3	< 0.1	< 0.1

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	5.4	5.0	4.4	2.9	1.6
	GAAGQQG	0.8	0.6	0.5	0.3	0.1
	Xrow	0.3	0.2	0.1	< 0.1	< 0.1
FEXT	GAAQQG	1.6	0.9	0.4	0.3	0.2
	GAAGQQG	0.7	0.5	0.2	0.1	< 0.1
	Xrow	0.2	0.2	< 0.1	< 0.1	< 0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	102 ps
Differential	96 ps