

**Series:** FSI Series

**Description:** One Piece Board Stacking Interconnect, 1.0mm Pitch, 6mm (0.236") Body Height

## Time Domain Data Summary

Table 3 - Single-Ended Impedance ( $\Omega$ )					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	89.5	75.8	61.1	53.3	51.4
Minimum Impedance	41.0	43.6	47.8	49.7	49.7

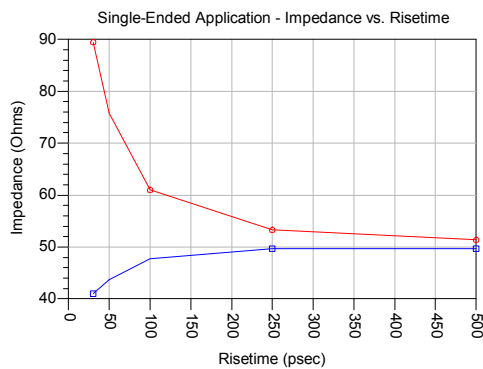
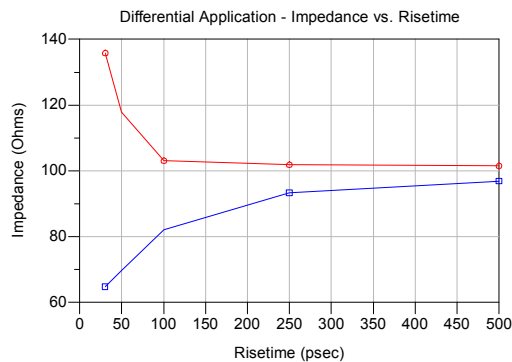


Table 4 - Differential Impedance ( $\Omega$ )					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	135.8	117.8	103.0	101.8	101.5
Minimum Impedance	64.8	69.7	82.1	93.3	96.9



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<b>Table 5 - Single-Ended Crosstalk (%)</b>						
<b>Input(tr)</b>		<b>30ps</b>	<b>50 ps</b>	<b>100 ps</b>	<b>250 ps</b>	<b>500 ps</b>
<b>NEXT</b>	GAQG	19.5	18.2	14.8	7.9	4.3
	GAGQG	5.0	4.3	3.1	1.4	0.8
	Xrow	1.5	0.8	0.5	0.3	0.1
<b>FEXT</b>	GAQG	8.3	6.3	4.3	2.3	1.3
	GAGQG	4.4	3.4	2.1	0.9	0.5
	Xrow	1.1	0.6	0.2	< 0.1	< 0.1

<b>Table 6 - Differential Crosstalk (%)</b>						
<b>Input(tr)</b>		<b>30ps</b>	<b>50 ps</b>	<b>100 ps</b>	<b>250 ps</b>	<b>500 ps</b>
<b>NEXT</b>	GAAQQG	5.7	5.1	4.3	2.5	1.3
	GAAGQQG	0.7	0.6	0.4	0.2	0.1
	Xrow	0.3	0.2	< 0.1	< 0.1	< 0.1
<b>FEXT</b>	GAAQQG	1.4	0.6	0.3	< 0.1	< 0.1
	GAAGQQG	0.8	0.5	0.2	< 0.1	< 0.1
	Xrow	0.2	0.1	< 0.1	< 0.1	< 0.1

<b>Table 7 - Propagation Delay (Mated Connector)</b>	
<b>Single-Ended</b>	82 ps
<b>Differential</b>	77 ps