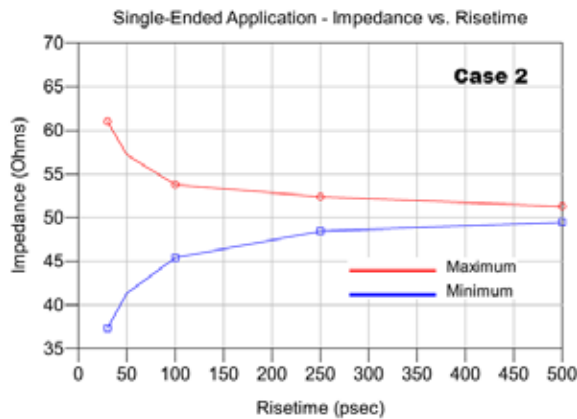
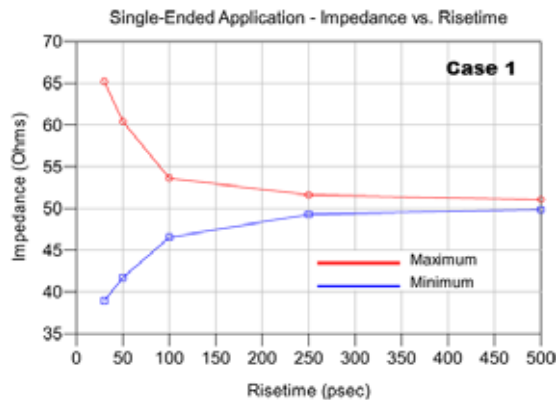


Series: LSEM

Description: Board-to-Board, 0.8mm (.0315") Pitch, Right Angle to Vertical Orientation

Time Domain Data Summary

Table 3 – Single-End Impedance (Ω)						
Case	Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	65.2	60.4	53.6	51.6	51.1
	Minimum Impedance	39.0	41.7	46.5	49.3	49.9
2	Maximum Impedance	61.0	57.2	53.8	52.4	51.3
	Minimum Impedance	37.4	41.3	45.4	48.4	49.5

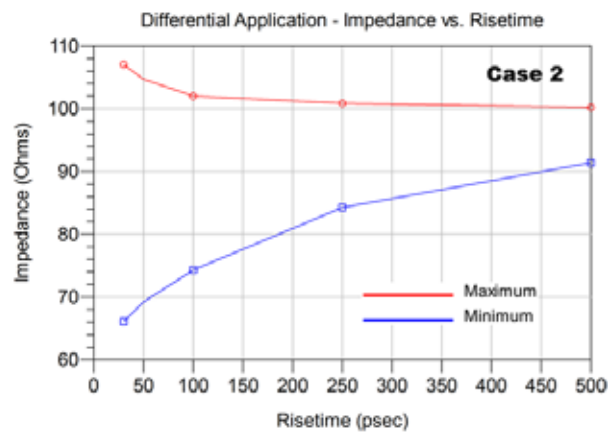
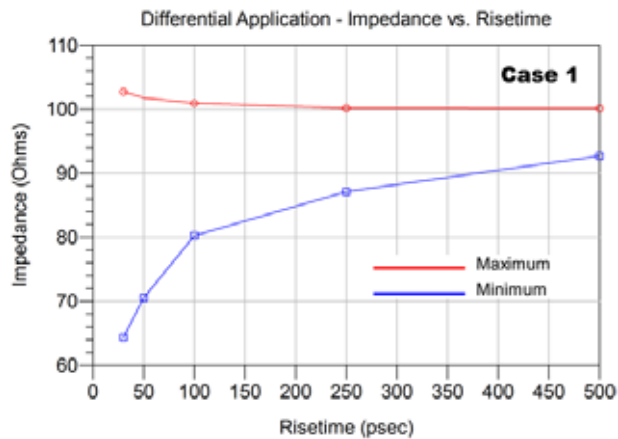


Series: LSEM

Description: Board-to-Board, 0.8mm (.0315") Pitch, Right Angle to Vertical Orientation

Table 4 - Differential Impedance (Ω)

Case	Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	102.8	101.8	101.0	100.2	100.2
	Minimum Impedance	64.4	70.6	80.3	87.1	92.7
2	Maximum Impedance	107.1	104.7	102.0	100.9	100.2
	Minimum Impedance	66.1	69.2	74.3	84.3	91.4



Series: LSEM

Description: Board-to-Board, 0.8mm (.0315") Pitch, Right Angle to Vertical Orientation

Table 5 - Single-Ended Crosstalk (%)							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAQG	19.5	17.0	14.5	7.9	4.3
		GAGQG	4.0	2.6	1.8	1.1	0.6
		Xrow	3.4	2.9	2.3	1.2	0.7
	FEXT	GAQG	9.6	6.1	3.6	1.6	0.8
		GAGQG	5.6	3.3	1.6	0.6	0.3
		Xrow	2.4	1.3	0.6	0.2	<0.1
2	NEXT	GAQG	22.0	20.3	17.6	10.9	6.0
		GAGQG	3.8	2.8	2.0	1.2	0.7
		Xrow	3.4	2.9	2.3	1.2	0.7
	FEXT	GAQG	7.1	5.8	3.5	1.8	1.0
		GAGQG	4.2	3.1	1.6	0.6	0.3
		Xrow	2.0	1.1	0.5	0.2	0.1

Table 6 - Differential Crosstalk (%)							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAAQQG	5.7	4.8	3.9	2.0	1.1
		GAAGQQG	0.7	0.4	0.2	<0.1	<0.1
		Xrow	1.0	0.9	0.6	0.3	0.2
	FEXT	GAAQQG	1.7	1.0	0.7	0.3	0.2
		GAAGQQG	1.3	0.8	0.4	0.1	<0.1
		Xrow	0.4	0.3	0.1	<0.1	<0.1
2	NEXT	GAAQQG	6.5	6.2	5.3	3.3	1.9
		GAAGQQG	0.5	0.4	0.3	0.2	0.1
		Xrow	1.0	0.9	0.6	0.3	0.2
	FEXT	GAAQQG	1.5	1.2	1.0	0.6	0.3
		GAAGQQG	0.8	0.6	0.3	0.1	<0.1
		Xrow	0.3	0.2	0.1	<0.1	<0.1

Series: LSEM**Description:** Board-to-Board, 0.8mm (.0315") Pitch, Right Angle to Vertical Orientation

Table 7 - Propagation Delay (Mated Connector)		
Case 1	Single-Ended	77 ps
	Differential	70 ps
Case 2	Single-Ended	92 ps
	Differential	93 ps