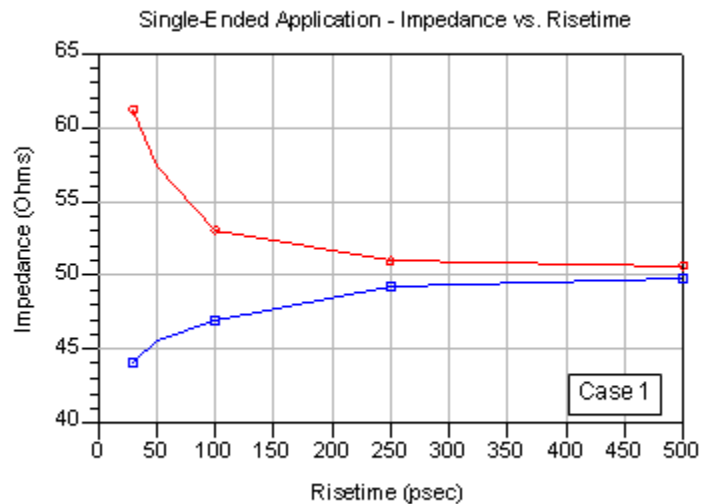


Series: TEM-DH/SEM

Description: Micro Tiger Eye™ Board-to-Board, 0.8mm Pitch, Right Angle

Time Domain Data Summary

Table 3 – Single-End Impedance (Ω)						
Case 1 = Short Row; Case 2 = Long Row						
Case	Signal Risettime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	61.24	57.36	53.07	50.98	50.62
	Minimum Impedance	44.07	45.53	46.95	49.20	49.79
2	Maximum Impedance	58.55	56.08	53.69	52.34	51.85
	Minimum Impedance	44.71	47.04	48.79	49.67	49.97



Series: TEM-DH/SEM

Description: Micro Tiger Eye™ Board-to-Board, 0.8mm Pitch, Right Angle

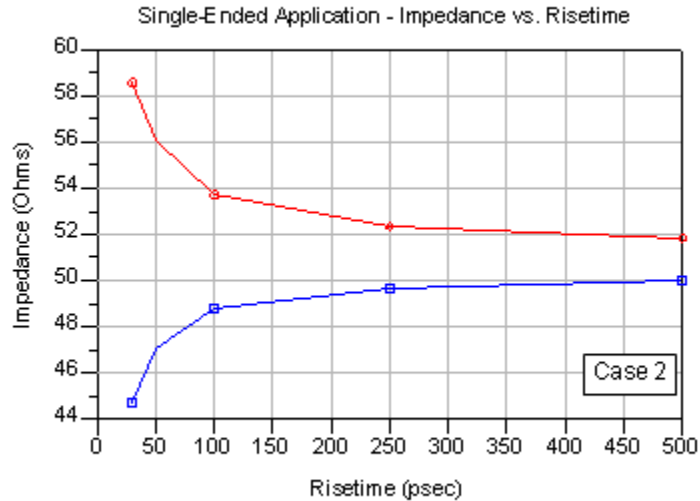
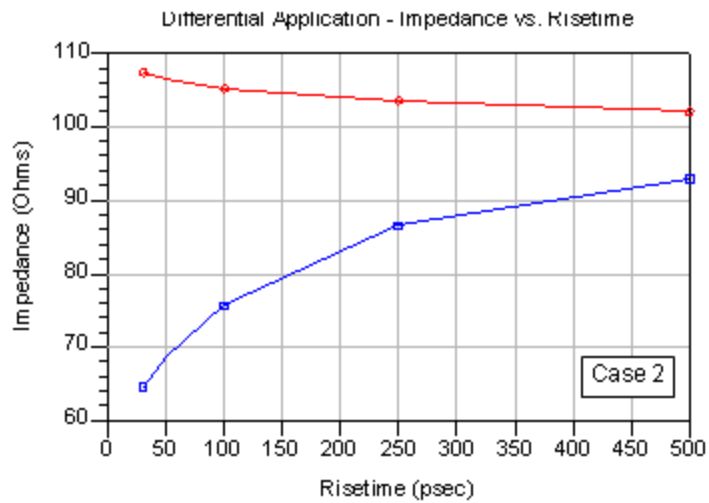
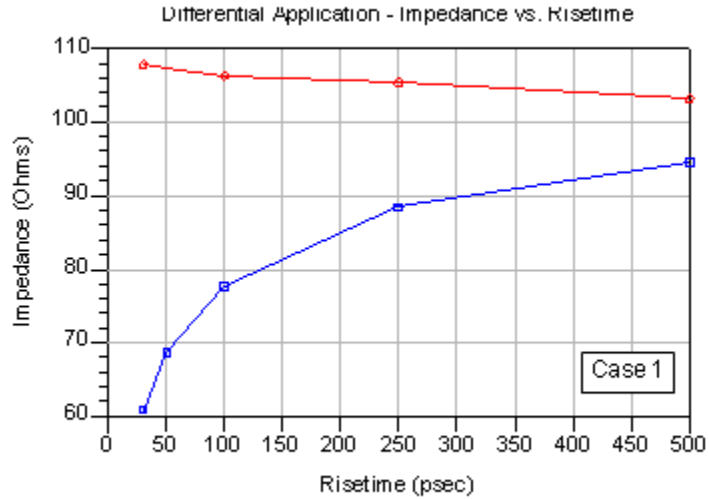


Table 4 - Differential Impedance (Ω)						
Case 1 = Short Row; Case 2 = Long Row						
Case	Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	107.80	107.17	106.31	105.34	103.28
	Minimum Impedance	60.85	68.75	77.57	88.45	94.60
2	Maximum Impedance	107.43	106.65	105.21	103.63	102.01
	Minimum Impedance	64.65	68.57	75.64	86.46	92.95

Series: TEM-DH/SEM

Description: Micro Tiger Eye™ Board-to-Board, 0.8mm Pitch, Right Angle



Series: TEM-DH/SEM

Description: Micro Tiger Eye™ Board-to-Board, 0.8mm Pitch, Right Angle

Table 5 - Single-Ended Crosstalk (%)							
Case 1 = Short Row; Case 2 = Long Row							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAQG	21.85	19.56	15.64	8.17	4.31
		GAGQG	2.17	1.61	1.07	0.60	0.34
		Xrow	4.09	3.69	2.88	1.52	0.80
	FEXT	GAQG	6.15	4.25	2.29	0.84	0.44
		GAGQG	3.62	2.44	1.27	0.47	0.24
		Xrow	0.68	0.29	0.14	<0.1	<0.1
2	NEXT	GAQG	21.17	20.28	18.21	10.84	5.96
		GAGQG	2.21	1.75	1.43	0.95	0.53
		Xrow	4.09	3.69	2.88	1.52	0.80
	FEXT	GAQG	6.62	5.06	3.01	1.68	1.07
		GAGQG	2.42	1.71	0.87	0.31	0.17
		Xrow	0.68	0.29	0.14	<0.1	<0.1

Table 6 - Differential Crosstalk (%)							
Case 1 = Short Row; Case 2 = Long Row							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAAQQG	6.39	5.86	5.04	2.82	1.54
		GAAGQQG	0.79	0.49	0.25	0.14	<0.1
		Xrow	1.70	1.58	1.23	0.68	0.37
	FEXT	GAAQQG	1.89	1.42	0.82	0.27	0.12
		GAAGQQG	0.49	0.31	0.12	<0.1	<0.1
		Xrow	0.85	0.57	0.48	0.29	0.16
2	NEXT	GAAQQG	6.58	6.42	5.69	3.54	1.99
		GAAGQQG	0.38	0.30	0.25	0.16	<0.1
		Xrow	1.70	1.58	1.23	0.68	0.37
	FEXT	GAAQQG	1.27	0.81	0.20	<0.1	<0.1
		GAAGQQG	0.45	0.33	0.16	<0.1	<0.1
		Xrow	0.85	0.57	0.48	0.29	0.16

Series: TEM-DH/SEM

Description: Micro Tiger Eye™ Board-to-Board, 0.8mm Pitch, Right Angle

Table 7 - Propagation Delay (Mated Connector) Case 1 = Short Row; Case 2 = Long Row		
Case 1	Single-Ended	81 ps
	Differential	77 ps
Case 2	Single-Ended	98 ps
	Differential	98 ps