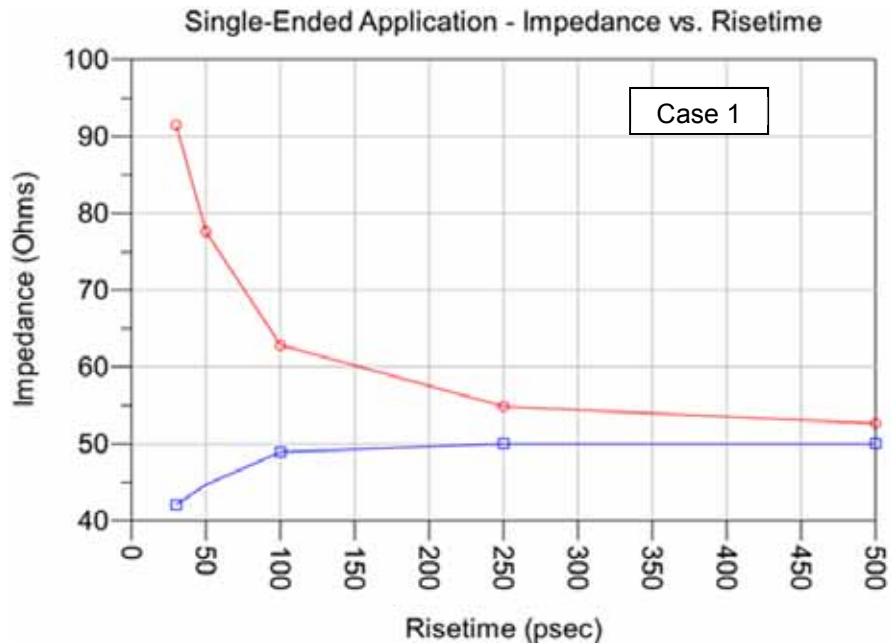


Series: FS5/FT5

Description: High Speed Floating Contact, Board-to-Board, 5mm Stack Height, 0.5mm Pitch,

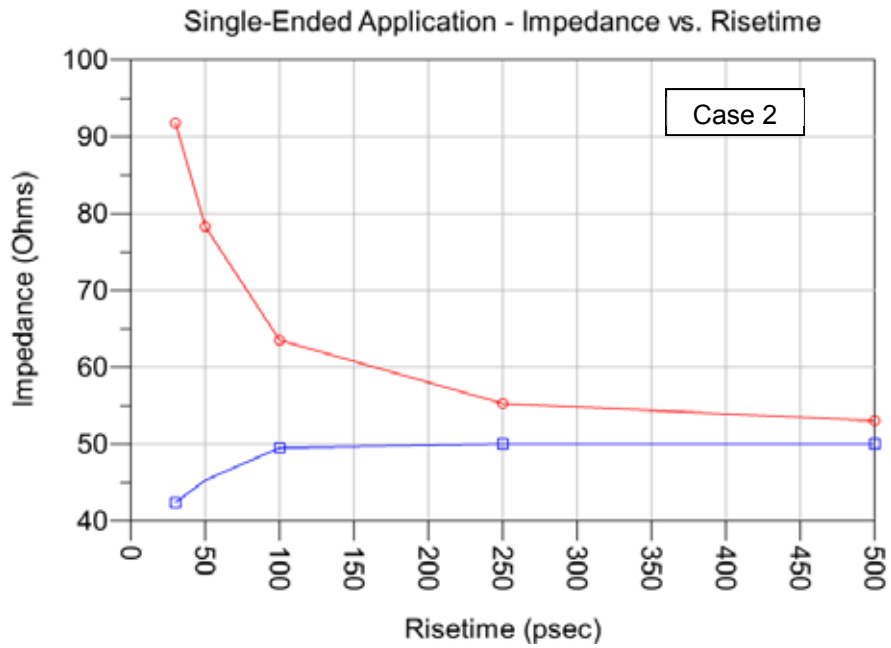
## Time Domain Data Summary

Table 3 – Single-End Impedance ( $\Omega$ )						
Case	Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	91.4	77.6	62.9	54.8	52.6
	Minimum Impedance	42.1	44.7	48.9	50.0	50.0
2	Maximum Impedance	91.7	78.3	63.5	55.3	53.0
	Minimum Impedance	42.4	45.3	49.5	50.0	50.0



**Series:** FS5/FT5

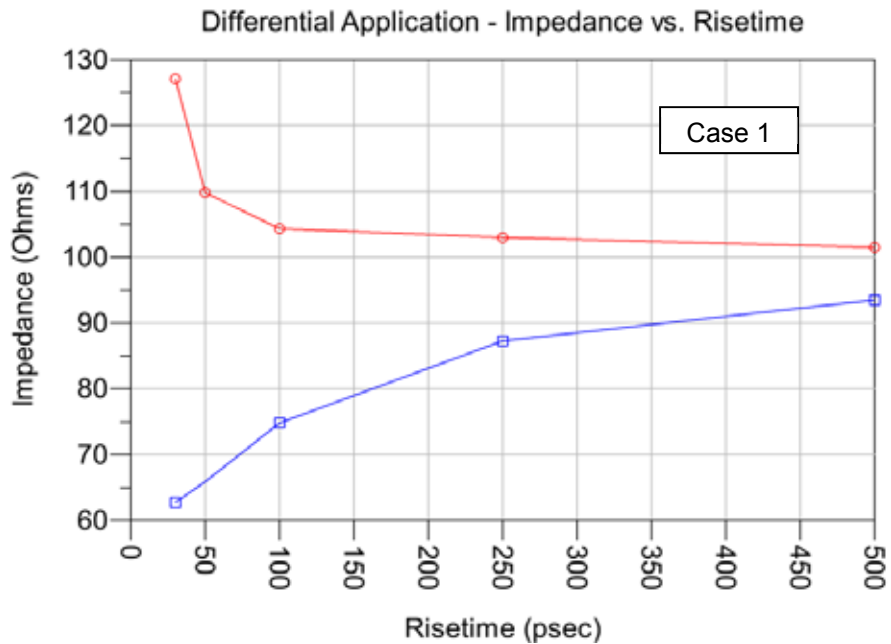
**Description:** High Speed Floating Contact, Board-to-Board, 5mm Stack Height, 0.5mm Pitch,



Series: FS5/FT5

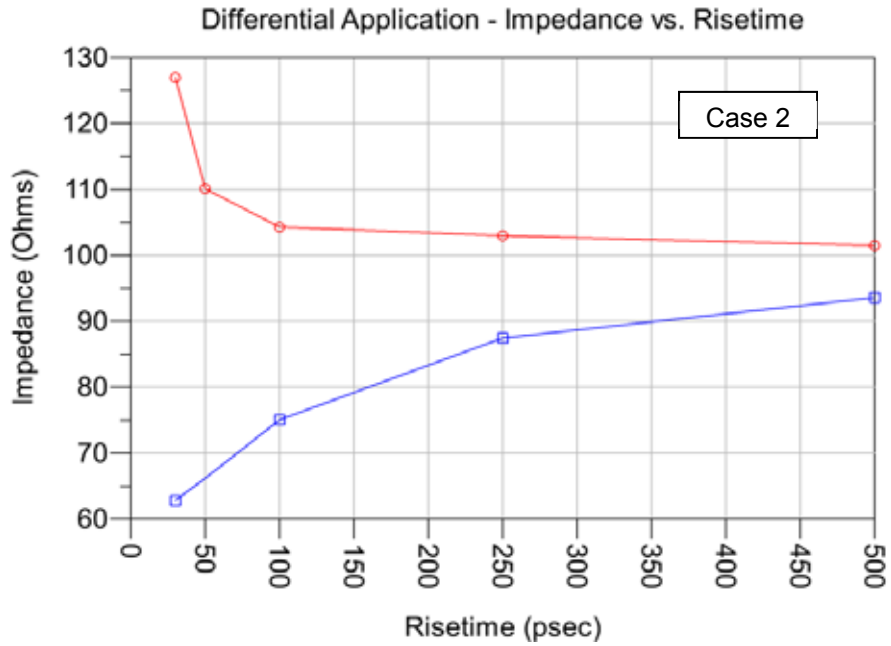
Description: High Speed Floating Contact, Board-to-Board, 5mm Stack Height, 0.5mm Pitch,

Table 4 - Differential Impedance ( $\Omega$ )						
Case	Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
1	Maximum Impedance	127.1	109.8	104.3	103.0	101.5
	Minimum Impedance	62.7	65.9	74.8	87.3	93.5
2	Maximum Impedance	127.0	110.1	104.3	103.0	101.5
	Minimum Impedance	62.8	66.2	75.0	87.4	93.6



**Series:** FS5/FT5

**Description:** High Speed Floating Contact, Board-to-Board, 5mm Stack Height, 0.5mm Pitch,



**Series:** FS5/FT5

**Description:** High Speed Floating Contact, Board-to-Board, 5mm Stack Height, 0.5mm Pitch,

<b>Table 5 - Single-Ended Crosstalk (%)</b>							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAQG	17.3	16.8	16.2	11.1	6.3
		GAGQG	3.0	2.8	2.1	1.2	.7
		Xrow	1.9	1.8	1.3	.7	.4
	FEXT	GAQG	3.1	2.9	2.3	1.0	.5
		GAGQG	2.9	2.4	1.4	.6	.3
		Xrow	.4	.3	.2	.1	<0.1
2	NEXT	GAQG	17.5	17.0	16.4	11.1	6.3
		GAGQG	3.0	2.7	2.4	1.2	.7
		Xrow	2.0	1.8	1.3	.7	.4
	FEXT	GAQG	3.1	3.0	2.4	1.0	.5
		GAGQG	2.8	2.3	1.4	.6	.3
		Xrow	.4	.3	.2	.1	<0.1

<b>Table 6 - Differential Crosstalk (%)</b>							
Case	Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
1	NEXT	GAAQQG	5.3	5.1	4.8	3.6	2.1
		GAAGQQG	.5	.5	.3	.2	.1
		Xrow	.5	.5	.4	.2	.1
	FEXT	GAAQQG	2.4	2.1	1.5	.9	.5
		GAAGQQG	.5	.4	.2	.1	<0.1
		Xrow	.4	.3	.2	.1	.1
2	NEXT	GAAQQG	5.3	5.2	4.9	3.6	2.1
		GAAGQQG	.6	.5	.3	.2	.1
		Xrow	.5	.5	.4	.2	.1
	FEXT	GAAQQG	2.3	2.0	1.4	.9	.5
		GAAGQQG	1.7	1.3	.6	.2	.1
		Xrow	.4	.3	.2	.1	.1

**Series:** FS5/FT5**Description:** High Speed Floating Contact, Board-to-Board, 5mm Stack Height, 0.5mm Pitch,

<b>Table 7 - Propagation Delay (Mated Connector)</b>		
<b>Case 1</b>	<b>Single-Ended</b>	134 ps
	<b>Differential</b>	133 ps
<b>Case 2</b>	<b>Single-Ended</b>	135 ps
	<b>Differential</b>	133 ps