

Series: BSE/BTE

Description: Parallel Board-to-Board, 0.8mm Pitch, 25mm (0.984") Stack Height

## Time Domain Data Summary

Table 3 - Single-Ended Impedance ( $\Omega$ )							
Signal Risetime	30 $\pm$ 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	66.9	62.7	59.7	53.5	51.9	51.6	51.3
Minimum Impedance	42.2	43.1	44.1	47.9	50.2	50.3	50.3

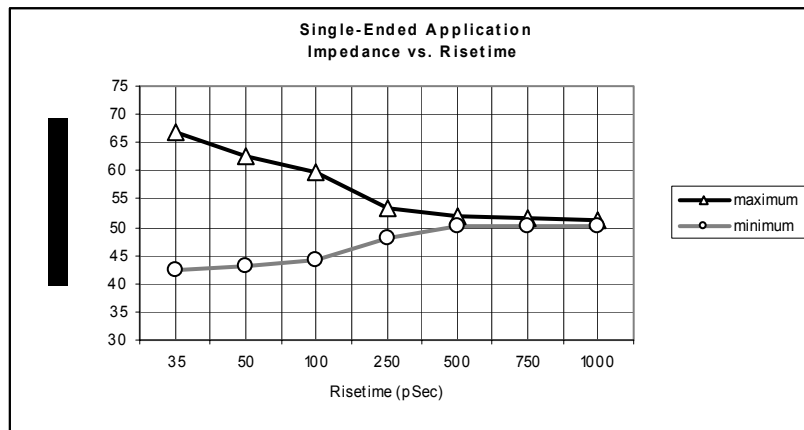
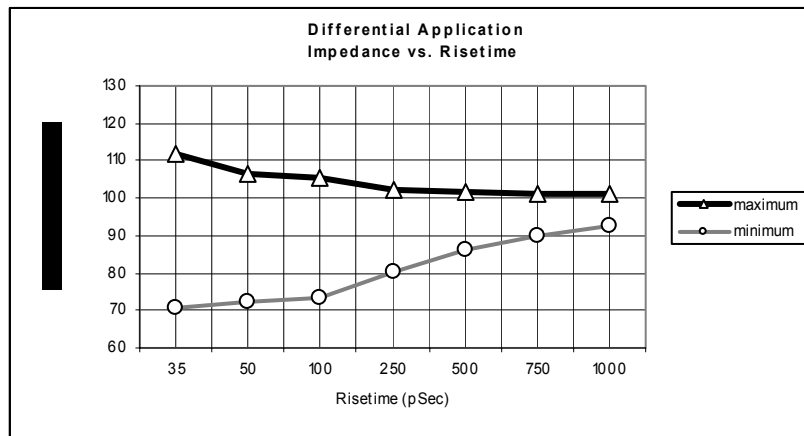


Table 4 - Differential Impedance ( $\Omega$ )							
Signal Risetime	30 $\pm$ 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	111.6	106.2	105.3	102.2	101.6	101.3	101.2
Minimum Impedance	70.7	72.5	73.6	80.2	86.4	90.2	92.5



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Table 5 - Single-Ended Crosstalk (%)								
Input (t <sub>r</sub> )		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAQG	19.4	19.2	18.8	16.1	11.0	8.3	6.6
	GAGQG	3.8	3.2	2.8	2.2	1.5	1.1	< 1.0
	Xrow <sup>se</sup>	1.4	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAQG	6.4	4.6	3.0	1.7	1.3	1.1	< 1.0
	GAGQG	4.1	2.7	1.7	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow <sup>se</sup>	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 6 - Differential Crosstalk (%)								
Input (t <sub>r</sub> )		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAAQQG	6.1	5.9	5.8	4.9	3.2	2.3	1.8
	GAAGQQG	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow <sup>diff</sup>	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAAQQG	4.4	4.2	3.8	2.5	1.3	< 1.0	< 1.0
	GAAGQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow <sup>diff</sup>	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	184 ps
Differential	184 ps