

Series: QSE/QTE

Description: Parallel Board-to-Board, 0.8mm Pitch, 19mm (0.748") Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	64.9	59.8	58.1	52.9	51.6	51.2	51.1
Minimum Impedance	39.5	42.5	44.8	47.9	49.9	50.2	50.1

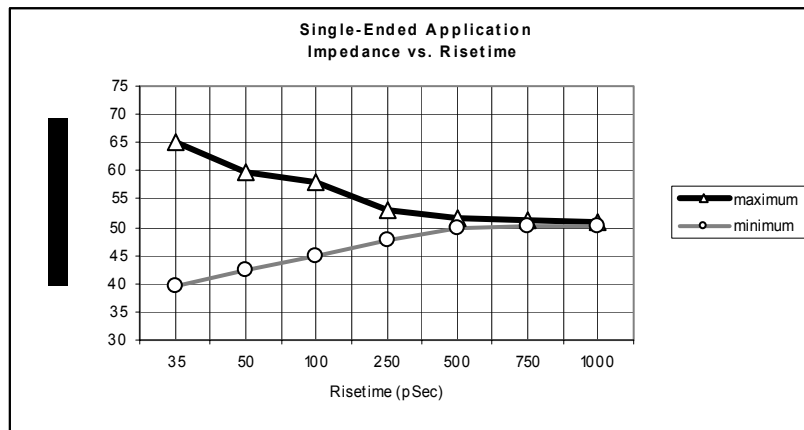
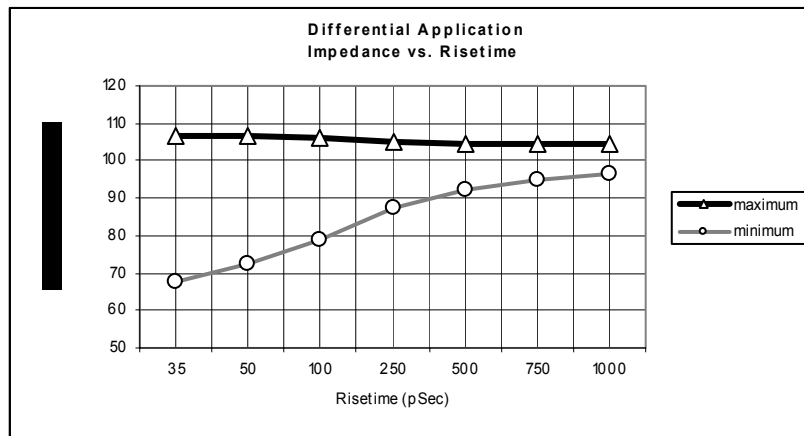


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	106.8	106.4	105.9	105.3	104.8	104.4	104.3
Minimum Impedance	67.8	72.3	78.7	87.3	92.1	94.9	96.4



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Table 5 - Single-Ended Crosstalk (%)

Input (t _r)		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAQG	17.8	17.3	16.6	12.9	8.2	5.9	4.6
	GAGQG	3.5	2.8	2.4	1.7	1.1	< 1.0	< 1.0
	Xrow ^{se}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAQG	5.0	4.2	3.6	2.4	1.5	1.1	< 1.0
	GAGQG	2.7	2.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 6 - Differential Crosstalk (%)

Input (t _r)		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAAQQG	5.7	5.3	4.9	3.7	2.4	1.7	1.4
	GAAGQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{diff}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAAQQG	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	GAAGQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{diff}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 7 - Propagation Delay (Mated Connector)

Single-Ended	156.0 ps
Differential	156.0 ps