

Series: QSE/QTE

Description: Parallel Board-to-Board, 0.8mm Pitch, 11mm (0.433") 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	69.1	66.6	63.6	56.0	53.3	52.5	50.3
Minimum Impedance	39.8	44.8	48.3	49.9	49.8	50.3	50.0

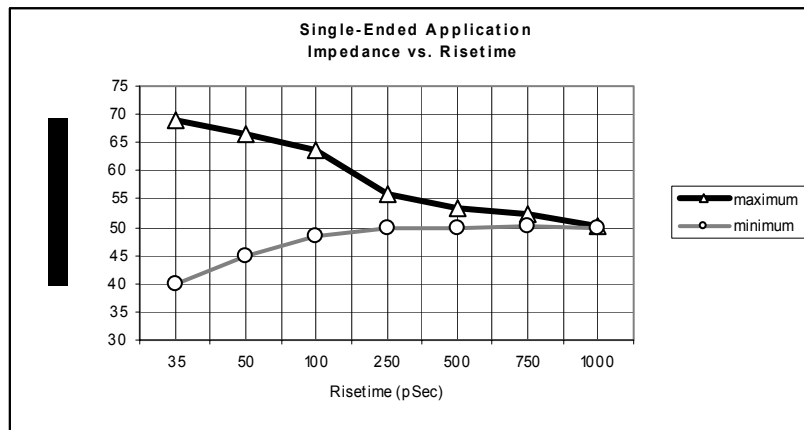
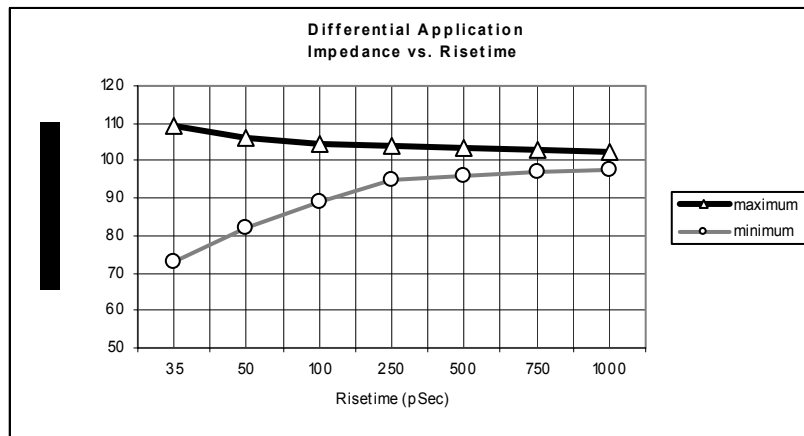


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	109.5	106.1	104.7	104.0	103.4	102.8	102.6
Minimum Impedance	72.9	82.1	88.8	94.6	96.1	97.1	97.8



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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	15.3	14.1	13.0	8.6	5.1	3.6	2.8
	GAGQG	2.4	2.2	1.5	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAQG	7.3	6.3	5.4	3.1	1.7	1.2	< 1.0
	GAGQG	2.4	1.9	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	4.0	3.8	3.6	2.4	1.4	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
FEXT	GAAQQG	5.06	3.66	2.98	1.34	< 1.0	< 1.0	< 1.0
	GAAGQQG	2.05	1.12	< 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	117.0 ps
Differential	115.0 ps