

Series: FTSH/CLP Low Profile Socket and Terminal Strip

Description: Parallel Board-to-Board, 0.050" [1.27mm] Pitch, 5.13mm (0.202") 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	57.1	51.3	51.1	50.4	50.3	50.1	50.0
Minimum Impedance	35.3	39.8	42.0	45.0	47.0	48.0	48.6

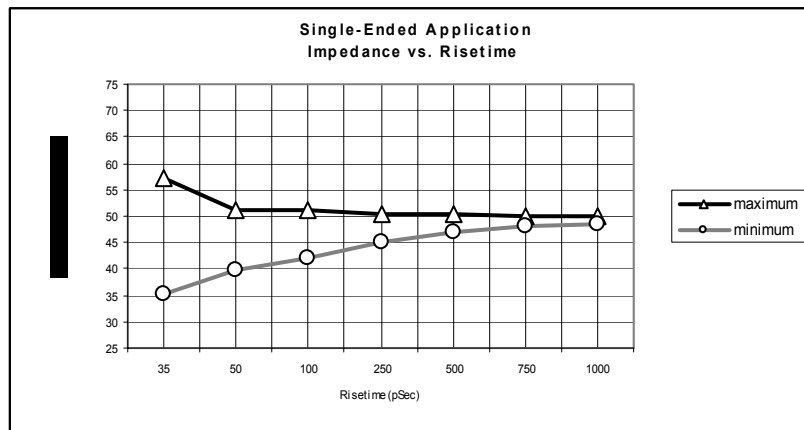
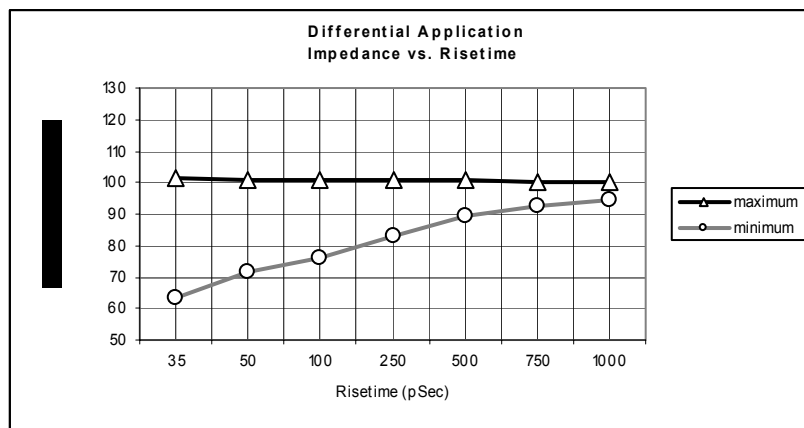


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	101.3	100.7	100.7	100.6	100.6	100.5	100.4
Minimum Impedance	63.6	71.3	76.0	82.8	89.3	92.3	94.1



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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	13.9	12.2	9.5	4.6	2.5	1.7	1.3
	GAGQG	4.9	2.5	1.6	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	8.9	7.0	5.4	2.5	1.3	< 1.0	< 1.0
FEXT	GAQG	8.2	6.0	3.7	1.3	< 1.0	< 1.0	< 1.0
	GAGQG	3.5	2.3	1.5	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	7.0	4.5	2.6	< 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	GAAQQSS	4.6	3.9	2.9	1.4	< 1.0	< 1.0	< 1.0
	GAAGQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{diff}	4.4	3.7	2.6	1.1	< 1.0	< 1.0	< 1.0
FEXT	GAAQQSS	2.0	1.1	< 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}	1.9	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 7 - Propagation Delay (Mated Connector)

Single-Ended	78ps
Differential	72ps