

Series: TMMH/CLT Surface Mount Series

Description: Micro, Board-to-Board, 2.0mm Pitch, 4.77mm (0.188") 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	52.9	52.0	51.5	51.3	51.1	50.8	50.2
Minimum Impedance	30.0	33.6	38.2	41.7	44.6	46.1	47.1

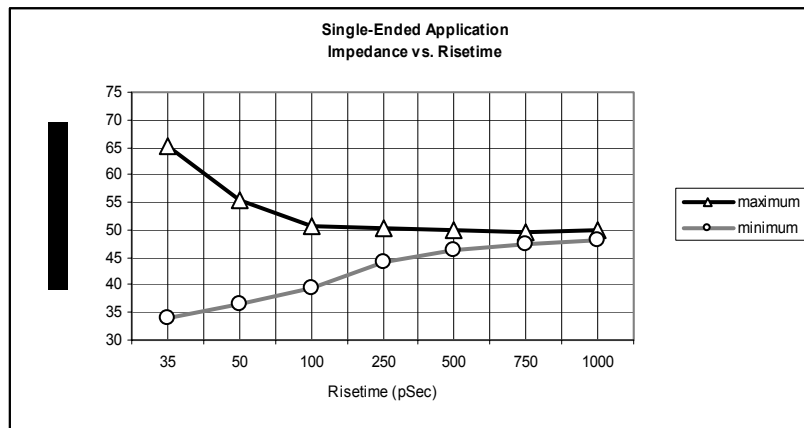
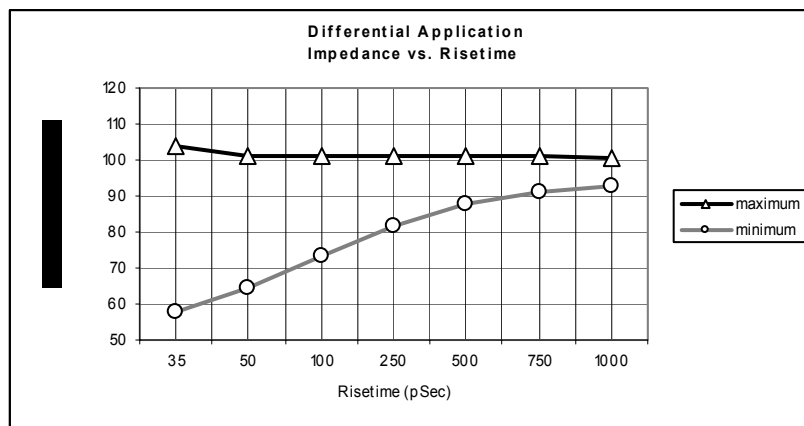


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	103.8	101.3	101.2	101.2	100.9	100.8	100.7
Minimum Impedance	58.0	64.5	73.3	81.6	87.8	91.0	93.0



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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	14.2	12.1	9.2	4.0	2.1	1.5	1.1
	GAGQG	4.3	3.1	2.2	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	Xrow ^{se}	8.3	7.3	5.6	2.4	1.2	< 1.0%	< 1.0%
FEXT	GAQG	9.3	8.1	5.6	2.2	1.1	< 1.0%	< 1.0%
	GAGQG	2.9	2.5	1.8	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	Xrow ^{se}	11.5	7.9	5.0	1.6	< 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	3.4	3.2	2.3	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}	3.7	2.5	2.2	< 1.0%	< 1.0%	< 1.0%	< 1.0%
FEXT	GAAQQSS	1.9	1.4	< 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}	2.6	1.9	1.1	< 1.0%	< 1.0%	< 1.0%	< 1.0%

Table 7 - Propagation Delay (Mated Connector)

Single-Ended	83ps
Differential	78ps