

Series: SFM/TFM

Description: Micro Board-to-Board, 1.27mm Pitch, 6.35mm (0.250") 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

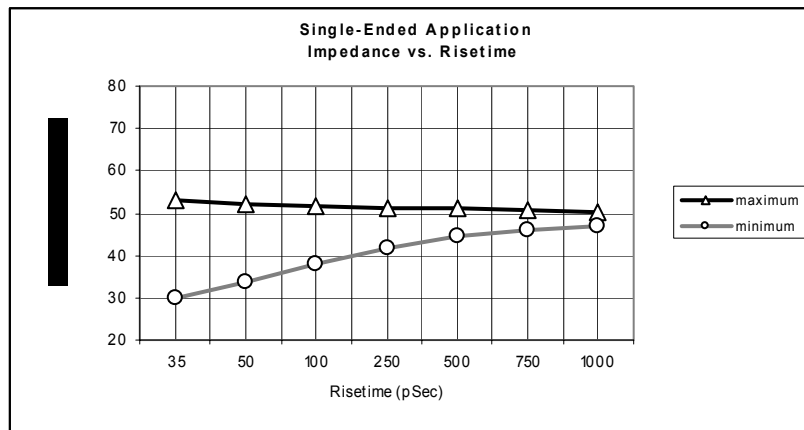
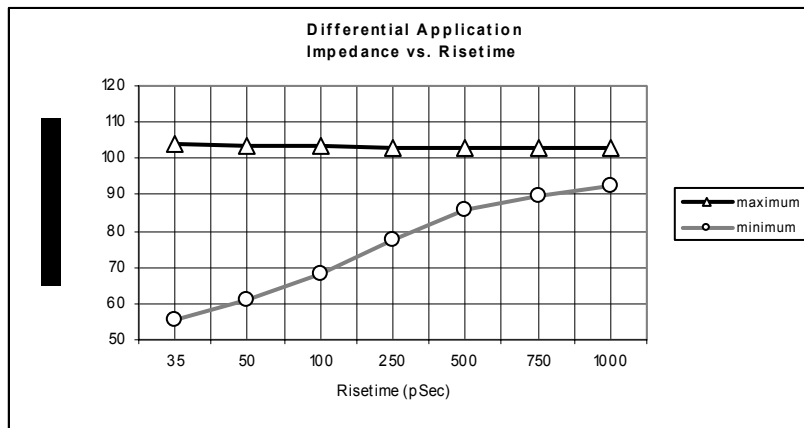


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	103.9	103.7	103.3	103.1	103.0	102.8	102.7
Minimum Impedance	55.6	61.0	68.4	77.4	85.9	89.9	92.3



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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	12.0	11.5	9.7	5.1	2.9	2.0	1.6
	GAGQG	2.7	1.9	1.4	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	9.4	8.9	7.3	3.5	1.9	1.3	1.0
FEXT	GAQG	1.7	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	GAGQG	1.7	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	4.1	3.2	2.0	< 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	GAAQQSS	4.9	4.0	3.2	1.7	1.0	< 1.0	< 1.0
	GAAGQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{diff}	6.2	5.5	4.3	2.1	1.2	< 1.0	< 1.0
FEXT	GAAQQSS	1.3	< 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}	3.3	2.2	1.2	< 1.0	< 1.0	< 1.0	< 1.0

Table 7 - Propagation Delay (Mated Connector)

Single-Ended	92ps
Differential	89ps