

Series: SFM/TFM

Description: Micro Board-to-Board, 1.27mm Pitch, 11.81mm (0.465") 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	70.4	62.4	56.6	51.6	51.3	50.9	50.6
Minimum Impedance	30.1	33.6	38.1	44.6	46.9	47.8	48.4

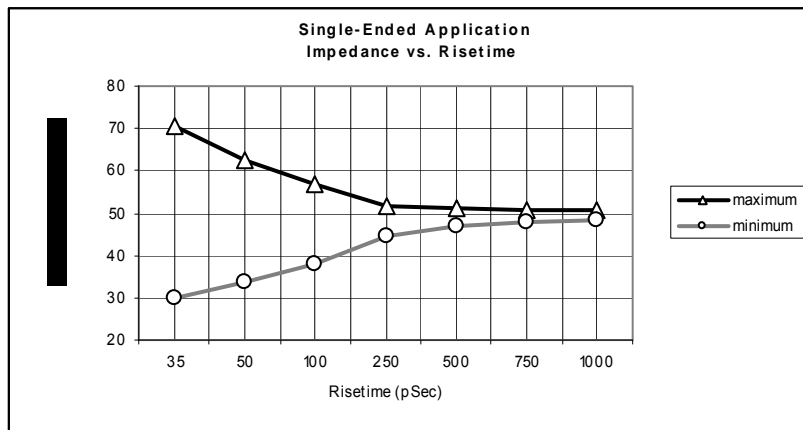
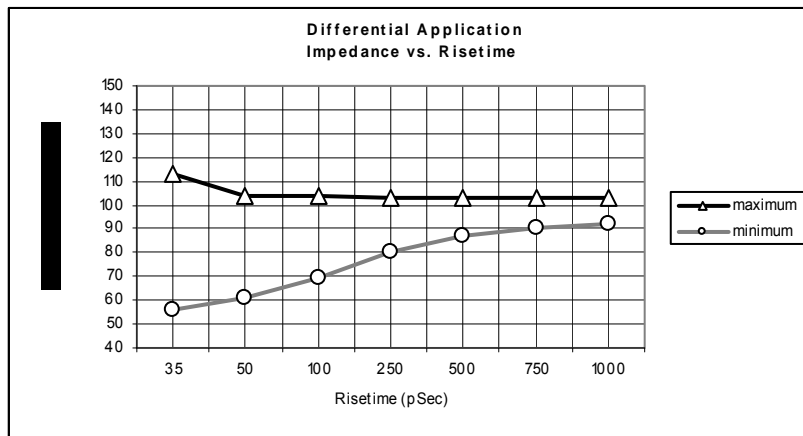


Table 4 - Differential Impedance (Ω)							
Signal Risetime	30 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	113.4	103.7	103.5	103.2	103.0	102.8	102.8
Minimum Impedance	55.9	60.9	69.2	80.7	86.6	90.0	92.2



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Table 5 - Single-Ended Crosstalk (%)

Input (tr)		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAQG	12.4	12.0	11.2	7.4	4.4	3.1	2.4
	GAGQG	4.2	3.0	1.8	1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	10.8	8.7	7.5	5.2	2.9	2.0	1.6
FEXT	GAQG	7.1	6.1	4.7	2.4	1.2	0.8	0.6
	GAGQG	3.0	2.4	1.6	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{se}	7.4	6.2	4.5	2.4	1.2	< 1.0	< 1.0

Table 6 - Differential Crosstalk (%)

Input (tr)		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAAQQSS	4.9	4.1	3.9	2.5	1.5	1.1	< 1.0
	GAAGQQG	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow ^{diff}	6.1	5.4	4.7	2.8	1.6	1.2	< 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	2.4	1.6	< 1.0	< 1.0	< 1.0	< 1.0

Table 7 - Propagation Delay (Mated Connector)

Single-Ended	126ps
Differential	125ps