Series: MIT/MIS, Mixed Technology
Description: Parallel Board-to-Board, 0.635mm Pitch, 5mm (0.197") Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)							
Signal Risetime	**30±5ps**	**50 ps**	**100 ps**	**250 ps**	**500 ps**	**750 ps**	**1 ns**
Maximum Impedance	63.0	56.8	52.3	51.3	50.9	50.8	50.8
Minimum Impedance	41.7	45.2	46.1	47.6	48.6	49.2	49.6

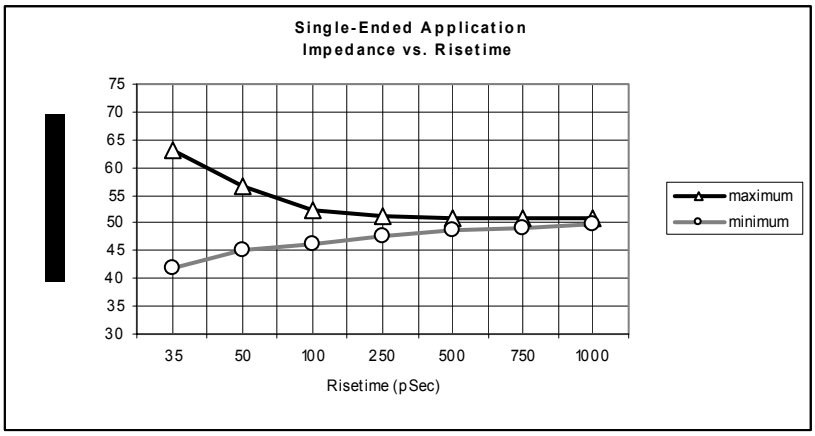
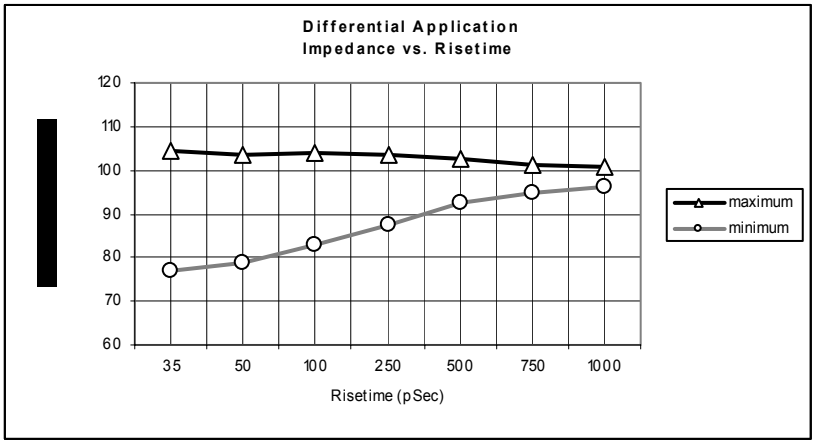


Table 4 - Differential Impedance (Ω)							
Signal Risetime	**30±5ps**	**50 ps**	**100 ps**	**250 ps**	**500 ps**	**750 ps**	**1 ns**
Maximum Impedance	104.5	103.6	103.8	103.5	102.5	101.4	100.9
Minimum Impedance	76.8	78.6	82.7	87.6	92.4	94.8	96.3



Series: MIT/MIS, Mixed Technology
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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	16.6	14.6	12.4	7.0	4.0	2.8	2.1
	GAGQG	3.5	2.5	2.0	1.1	< 1.0	< 1.0	< 1.0
	$Xrow^{se}$	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	GAQG	3.2	2.5	2.0	< 1.0	< 1.0	< 1.0	< 1.0
	GAGQG	3.2	2.2	1.4	< 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	GAAQQSS	4.6	4.2	3.6	2.1	1.2	< 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	GAAQQSS	1.2	< 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
	$Xrow^{diff}$	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	75ps
Differential	76ps