

Series: QTH-DP/QSH-DP

Description: Parallel Board-to-Board, 0.5mm Pitch, 11mm (0.433") Stack Height

## Time Domain Data Summary

Table 2 - Differential Impedance ( $\Omega$ )							
Signal Risetime	30 $\pm$ 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	103.9	103.0	102.8	102.6	102.3	102.1	101.8
Minimum Impedance	59.7	63.6	70.2	79.9	87.6	91.5	93.7

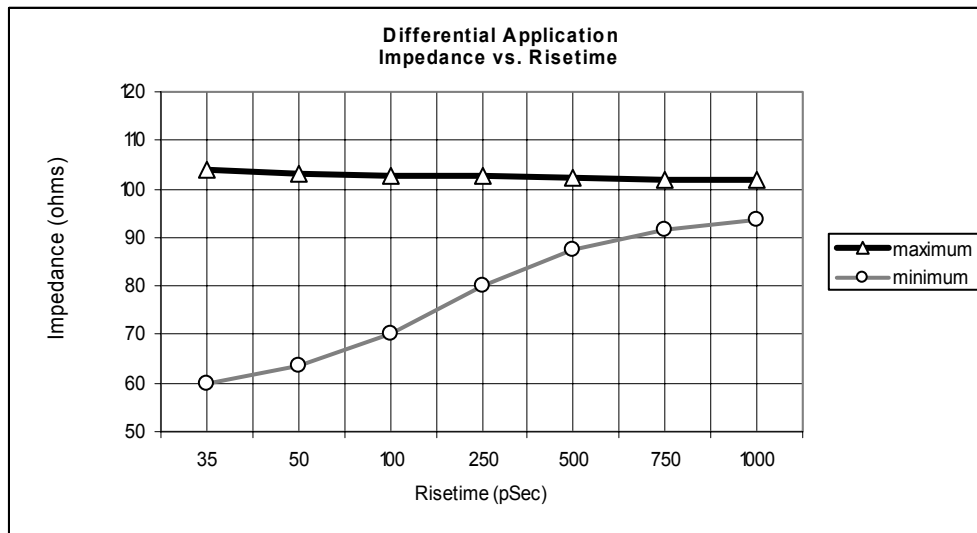


Table 3 - Differential Crosstalk (%)								
Input ( $t_r$ )		30 $\pm$ 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	AA QQ	2.0	1.9	1.7	1.0	< 1.0	< 1.0	< 1.0
	Xrow <sup>diff</sup>	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FEXT	AA QQ	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Xrow <sup>diff</sup>	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 4 - Propagation Delay (Mated Connector)	
Differential	106.0 ps