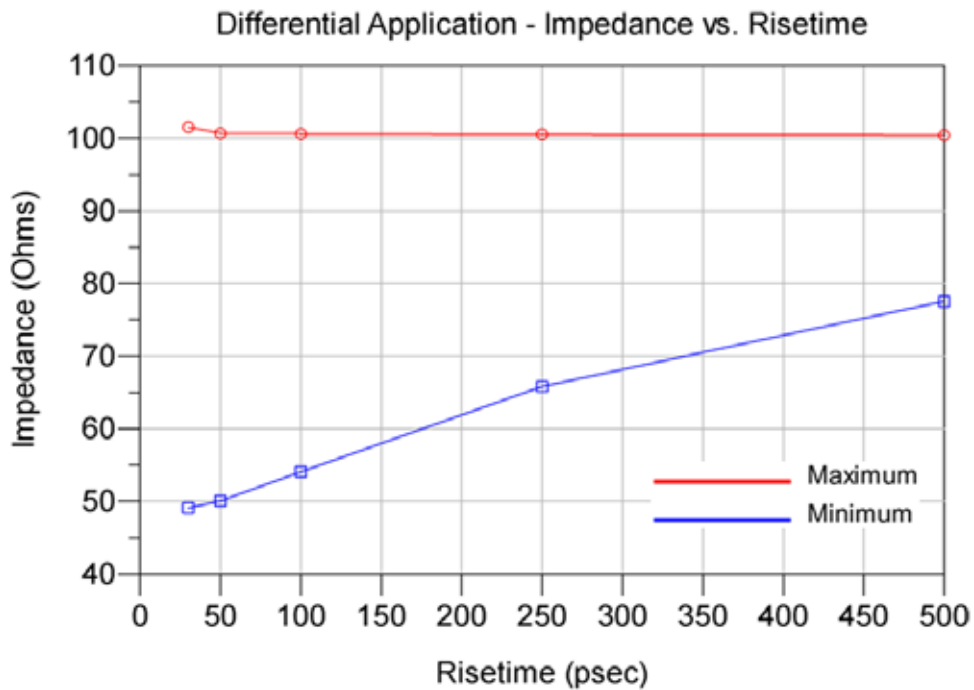


Series: QTH-DP/QSH-DP

Description: High Speed Board-to-Board, Differential, 0.5mm Pitch, 25mm (.984") Stack Height

## Time Domain Data Summary

Table 2 - Differential Impedance ( $\Omega$ )					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	101.5	100.7	100.6	100.5	100.4
Minimum Impedance	49.1	50.0	54.0	65.8	77.5



**Series:** QTH-DP/QSH-DP

**Description:** High Speed Board-to-Board, Differential, 0.5mm Pitch, 25mm (.984") Stack Height

Table 3 - Differential Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	2.9	2.8	2.7	2.1	1.4
	GAAGGQQG	0.1	< 0.1%	< 0.1%	< 0.1%	< 0.1%
	Xrow	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%
FEXT	GAAQQG	1.2	1.1	1.0	0.8	0.5
	GAAGGQQG	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%
	Xrow	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%

Table 4 - Propagation Delay (Mated Connector)	
Differential	141 ps