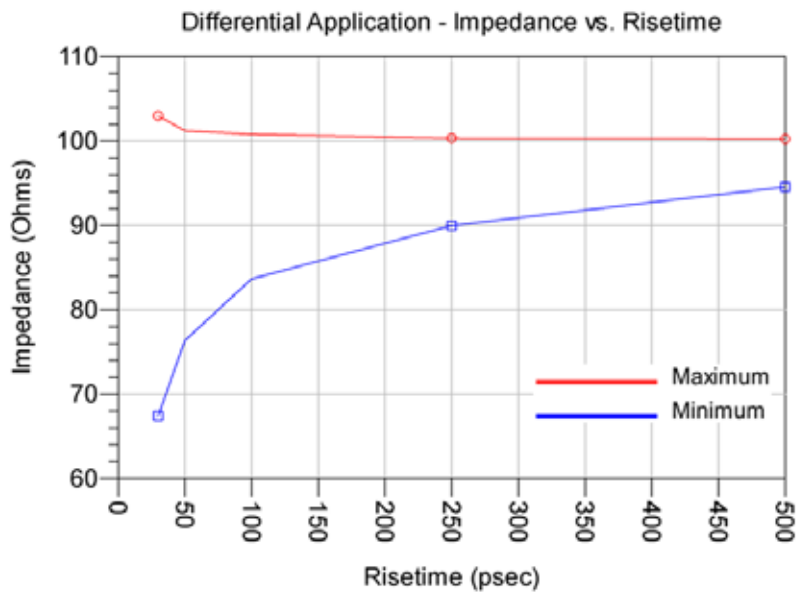


Series: QTH-DP/QSH-DP

Description: High Speed Board-to-Board, Differential, 0.5mm Pitch, 5mm (.1969") 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	103.0	101.2	100.8	100.3	100.3
Minimum Impedance	67.4	76.4	83.6	90.0	94.6



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

**Description:** High Speed Board-to-Board, Differential, 0.5mm Pitch, 5mm (.1969") Stack Height

Table 3 - Differential Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	2.0	1.8	1.5	0.8	0.4
	GAAGGQQG	0.2	< 0.1%	< 0.1%	< 0.1%	< 0.1%
	Xrow	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%
FEXT	GAAQQG	0.7	0.4	0.3	0.2	0.1
	GAAGGQQG	0.2	< 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	59 ps