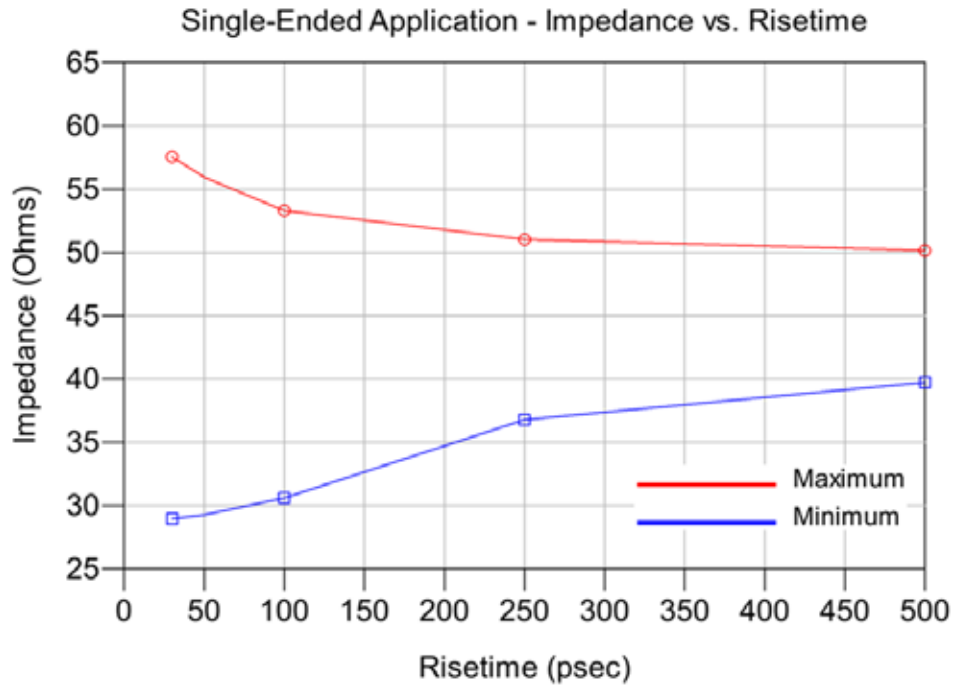


Series: QTH/QSH

Description: High Speed Ground Plane Header, 0.5mm (.0197") Pitch, 25mm (.984") Stack Height

Time Domain Data Summary

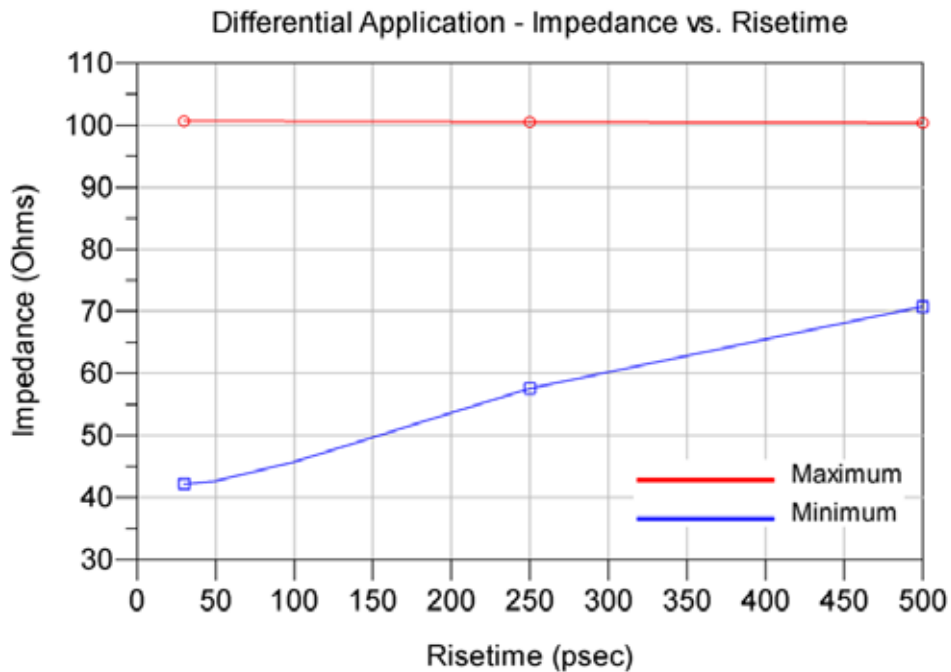
Table 3 – Single-End Impedance (Ω)					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	57.5	55.9	53.3	51.0	50.1
Minimum Impedance	29.0	29.3	30.6	36.8	39.7



Series: QTH/QSH

Description: High Speed Ground Plane Header, 0.5mm (.0197") Pitch, 25mm (.984") Stack Height

Table 4 - Differential Impedance (Ω)					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	100.7	100.7	100.6	100.5	100.4
Minimum Impedance	42.2	42.6	45.7	57.6	70.7



Series: QTH/QSH

Description: High Speed Ground Plane Header, 0.5mm (.0197") Pitch, 25mm (.984") Stack Height

Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAQG	22.0	20.5	19.5	17.2	11.6
	GAGQG	3.9	2.8	2.2	1.6	1.1
	Xrow	0.2	0.2	< 0.1%	< 0.1%	< 0.1%
FEXT	GAQG	7.0	5.1	3.6	2.4	1.3
	GAGQG	1.5	1.4	0.9	0.4	0.1
	Xrow	0.2	0.1	< 0.1%	< 0.1%	< 0.1%

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	8.0	7.9	7.7	6.5	4.6
	GAAGQQG	0.7	0.4	0.3	0.2	0.2
	Xrow	0.1	< 0.1%	< 0.1%	< 0.1%	< 0.1%
FEXT	GAAQQG	4.6	4.6	4.4	3.6	2.5
	GAAGQQG	0.6	0.4	0.3	0.2	< 0.1%
	Xrow	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	154 ps
Differential	138 ps