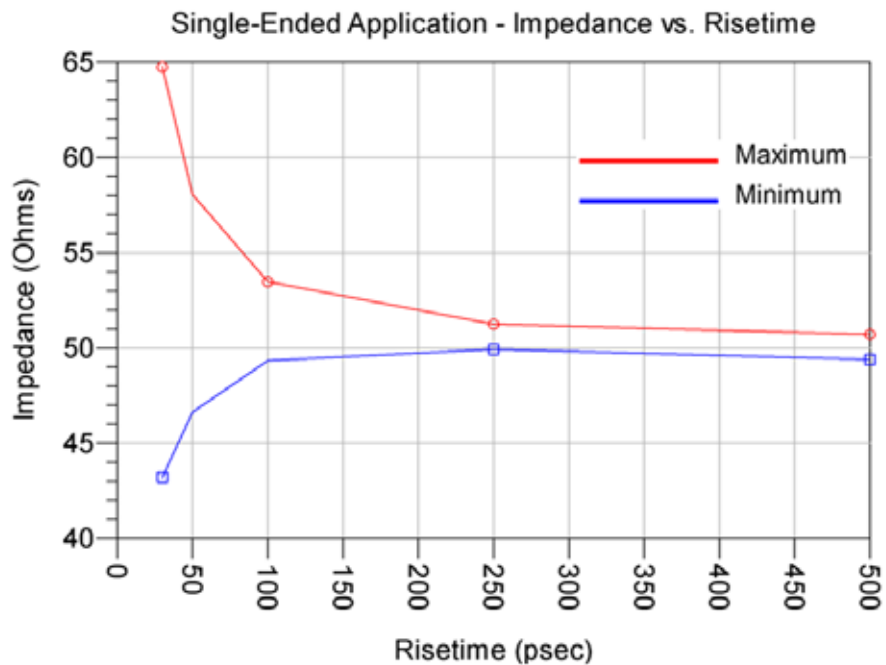


Series: QTE/QSE

Description: High Speed Ground Plane Header, 0.8mm (.0315") Pitch, 5mm (.1969") Stack Height

Time Domain Data Summary

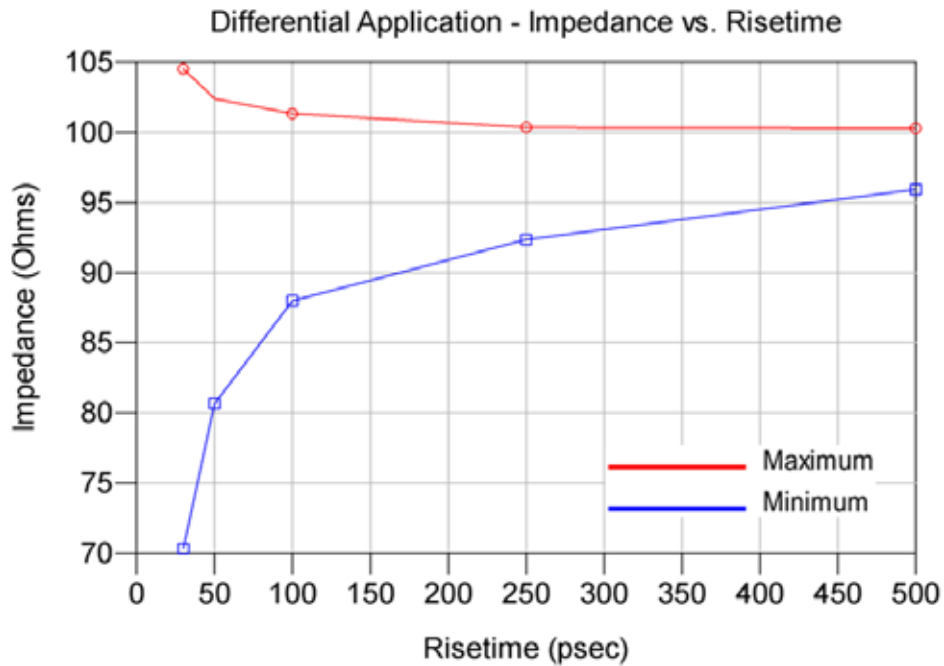
Table 3 – Single-End Impedance (Ω)					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	64.8	58.1	53.5	51.2	50.7
Minimum Impedance	43.2	46.6	49.3	49.9	49.4



Series: QTE/QSE

Description: High Speed Ground Plane Header, 0.8mm (.0315") Pitch, 5mm (.1969") Stack Height

Table 4 - Differential Impedance (Ω)					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	104.5	102.4	101.4	100.4	100.3
Minimum Impedance	70.3	80.7	88.0	92.4	95.9



Series: QTE/QSE

Description: High Speed Ground Plane Header, 0.8mm (.0315") Pitch, 5mm (.1969") Stack Height

Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAQG	19.1	15.6	12.3	6.3	3.7
	GAGQG	4.7	2.9	2.0	1.0	0.6
	Xrow	0.9	0.5	0.2	<0.1%	<0.1%
FEXT	GAQG	5.3	3.9	2.5	1.2	0.5
	GAGQG	0.4	0.3	0.6	0.6	0.3
	Xrow	0.8	0.3	0.2	<0.1%	<0.1%

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	4.8	3.9	3.4	1.8	1.0
	GAAGQQG	0.6	0.3	0.2	0.1	<0.1%
	Xrow	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
FEXT	GAAQQG	1.0	0.7	0.5	0.3	0.1
	GAAGQQG	0.7	0.5	0.3	<0.1%	<0.1%
	Xrow	0.2	<0.1%	<0.1%	<0.1%	<0.1%

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	67 ps
Differential	66 ps