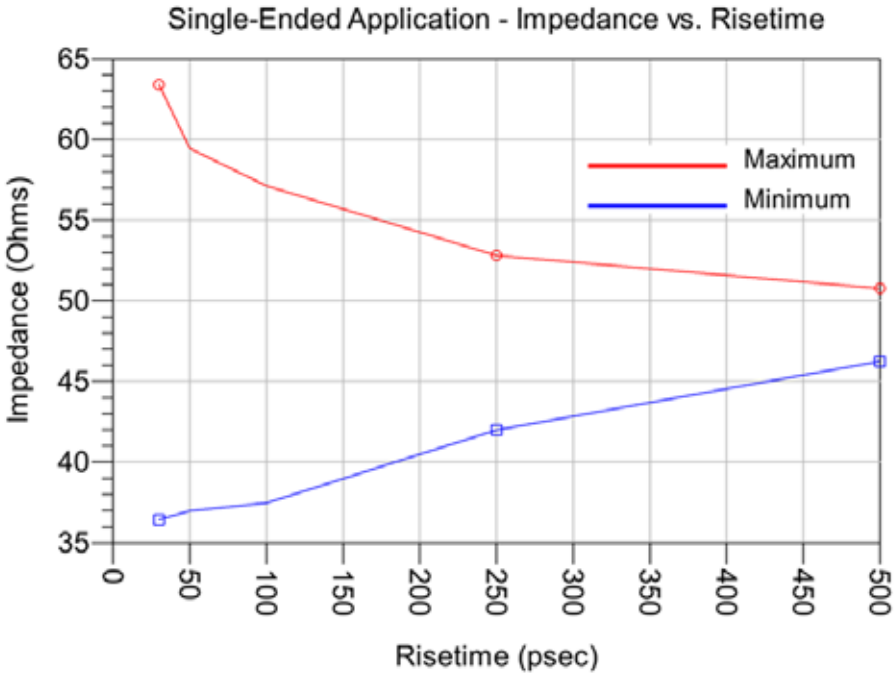
Series: QTE/QSE
Description: High Speed Ground Plane Header, 0.8mm (.0315") Pitch, 25mm (.984") Stack Height

Time Domain Data Summary

Table 3 – Single-End Impedance (Ω)					
Signal Risetime	**30 ps**	**50 ps**	**100 ps**	**250 ps**	**500 ps**
Maximum Impedance	63.4	59.4	57.1	52.8	50.8
Minimum Impedance	36.4	37.0	37.5	42	46.2



Series: QTE/QSE
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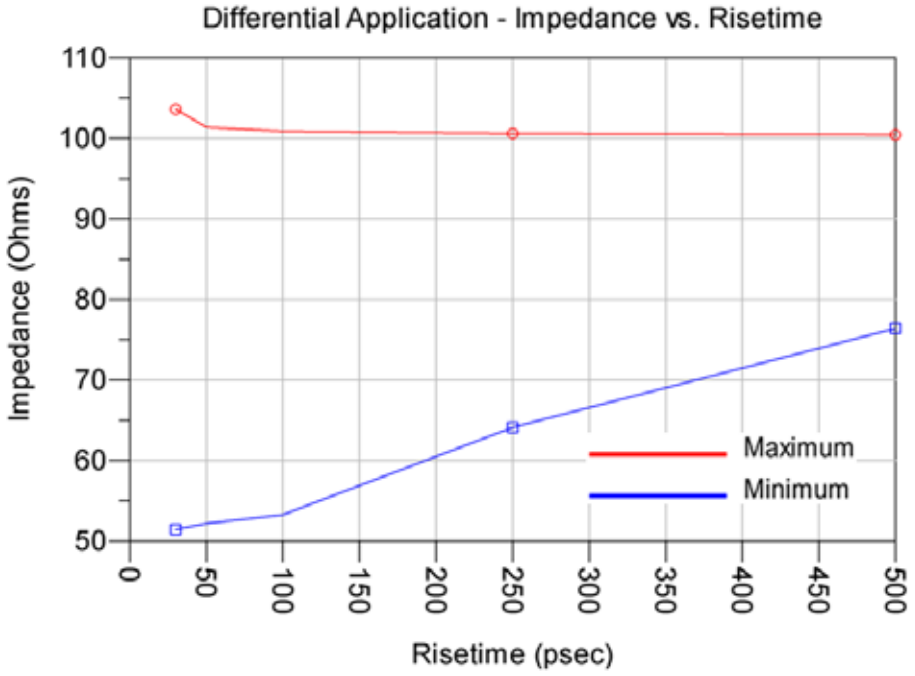
Table 4 - Differential Impedance (Ω)					
Signal Risetime	**30 ps**	**50 ps**	**100 ps**	**250 ps**	**500 ps**
Maximum Impedance	103.6	101.4	100.9	100.6	100.4
Minimum Impedance	51.5	52.2	53.3	64.1	76.4



Series: QTE/QSE
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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		**30ps**	**50 ps**	**100 ps**	**250 ps**	**500 ps**
NEXT	GAQG	21.7	20.5	19.9	16.6	11.2
	GAGQG	6.9	4.9	3.0	1.9	1.3
	Xrow	0.8	0.6	0.2	<0.1%	<0.1%
FEXT	GAQG	6.6	5.2	2.9	1.2	0.6
	GAGQG	3.5	2.7	1.6	0.6	0.2
	Xrow	0.8	0.6	0.2	<0.1%	<0.1%

Table 6 - Differential Crosstalk (%)						
Input(tr)		**30ps**	**50 ps**	**100 ps**	**250 ps**	**500 ps**
NEXT	GAAQQG	6.7	6.3	6.0	5.0	3.3
	GAAGQQG	0.9	0.5	0.5	0.3	0.2
	Xrow	0.1	<0.1%	<0.1%	<0.1%	<0.1%
FEXT	GAAQQG	2.2	2.2	2.0	1.4	0.9
	GAAGQQG	0.5	0.4	0.2	0.1	<0.1%
	Xrow	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	170 ps
Differential	168 ps