Series: QFS/QMS
Description: Micro High Speed Board-to-Board, 0.635mm Pitch, 10mm (0.3935") Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
Maximum Impedance	57.5	57.2	56.9	55.3	52.8
Minimum Impedance	35.9	40.0	45.1	47.1	49.0

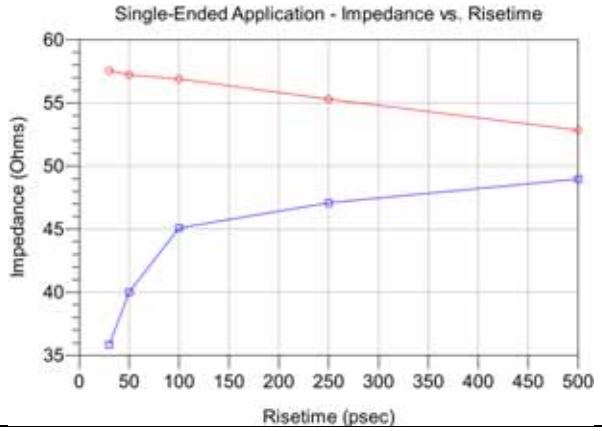

Table 4 - Differential Impedance (Ω)					
Signal Rise-time	**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
Maximum Impedance	112.9	110.9	109.2	106.7	102.5
Minimum Impedance	58.3	65.6	73.6	81.9	91.0

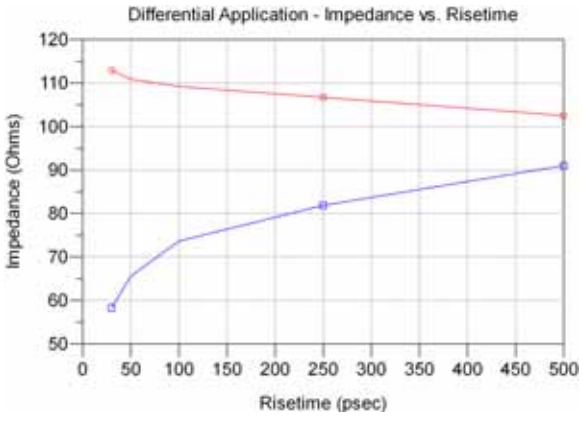

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Table 5 - Single-Ended Crosstalk (%)						
Input(t_r)		**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
NEXT	GAQG	20.38	19.65	18.25	10.97	6.07
	GAGQG	2.47	2.20	1.78	0.99	0.56
	Xrow	0.56	0.34	0.19	<0.1	<0.1
FEXT	GAQG	3.59	2.33	1.34	0.68	0.39
	GAGQG	2.88	1.90	0.94	0.33	0.18
	Xrow	0.62	0.35	0.17	<0.1	<0.1

Table 6 - Differential Crosstalk (%)						
Input(t_r)		**30ps**	**50ps**	**100ps**	**250ps**	**500ps**
NEXT	GAAQQG	6.05	5.80	5.44	3.50	2.02
	GAAGQQG	0.47	0.38	0.31	0.19	0.10
	Xrow	<0.1	<0.1	<0.1	<0.1	<0.1
FEXT	GAAQQG	1.97	1.43	1.19	0.66	0.33
	GAAGQQG	0.23	0.17	0.10	<0.1	<0.1
	Xrow	<0.1	<0.1	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	83ps
Differential	74ps