

Series: TLH/SLH

Description: Razor Beam™ Ultra Low Profile Terminal/Socket Strip, 0.5mm Pitch, 2mm Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	50.5	50.3	50.2	50.1	50.1
Minimum Impedance	39.7	42.2	44.5	44.9	47.9

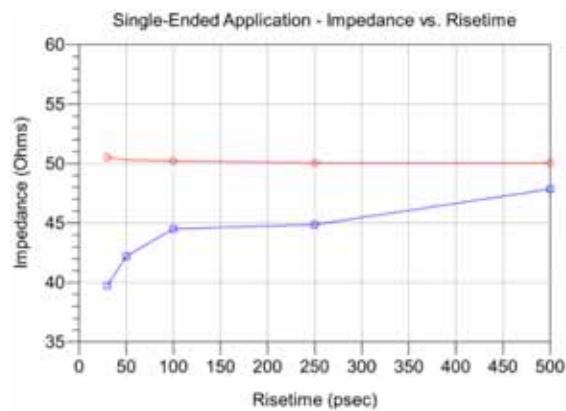
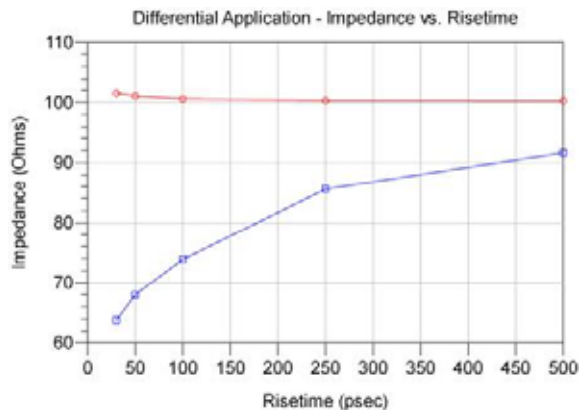


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	101.5	101.1	100.6	100.3	100.3
Minimum Impedance	63.8	68.1	73.9	85.6	91.7



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAQG	16.20	14.58	10.12	4.73	2.47
	GAGQG	1.85	1.54	1.04	0.49	0.25
	Xrow	2.04	1.56	0.90	0.40	0.26
FEXT	GAQG	1.88	1.60	1.02	0.45	0.23
	GAGQG	1.90	1.11	0.42	0.14	<0.1
	Xrow	0.95	0.64	0.26	0.11	0.10

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	5.05	4.58	3.37	1.69	0.96
	GAAGQQG	0.23	0.21	0.16	<0.1	<0.1
	Xrow	0.58	0.41	0.21	<0.1	<0.1
FEXT	GAAQQG	1.46	1.39	1.01	0.48	0.23
	GAAGQQG	0.57	0.38	0.14	<0.1	<0.1
	Xrow	0.36	0.17	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	39 ps
Differential	35 ps