

Series: SS4/ST4

Description: Razor Beam™ Low Profile Terminal/Socket Strip, 0.4mm Pitch, 4mm Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	52.6	52.1	51.9	51.4	50.7
Minimum Impedance	33.5	35.6	38.1	44.0	47.3

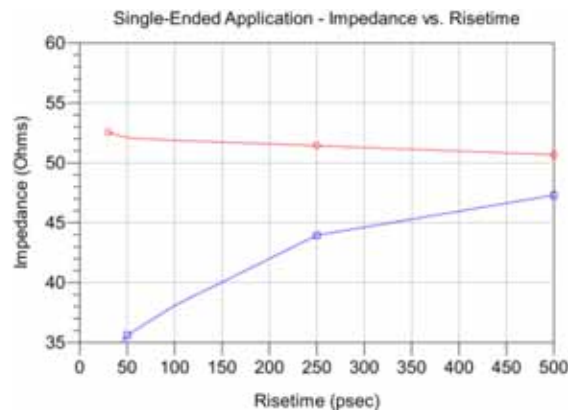
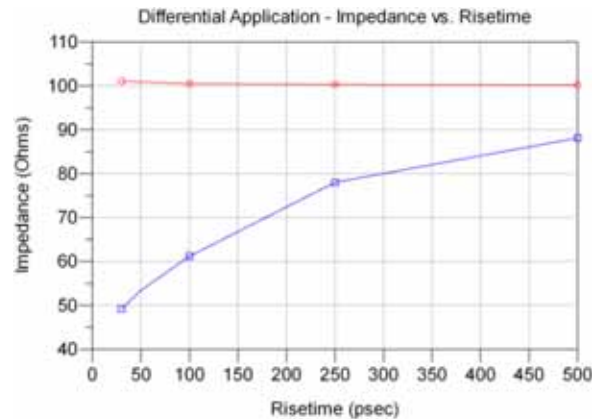


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	101.0	100.9	100.5	100.3	100.2
Minimum Impedance	49.2	53.4	61.2	78.0	88.1



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAQG	20.35	18.99	14.09	6.97	3.72
	GAGQG	2.09	1.87	1.36	0.65	0.34
	Xrow	0.84	0.65	0.46	0.21	0.13
FEXT	GAQG	5.43	4.64	3.05	1.43	0.71
	GAGQG	2.29	1.53	0.47	<0.1	<0.1
	Xrow	0.71	0.39	0.12	<0.1	<0.1

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	5.68	5.33	4.17	2.33	1.30
	GAAGQQG	0.37	0.24	0.18	0.11	<0.1
	Xrow	0.18	0.13	<0.1	<0.1	<0.1
FEXT	GAAQQG	2.87	2.75	2.27	1.25	0.67
	GAAGQQG	0.47	0.28	<0.1	<0.1	<0.1
	Xrow	0.10	<0.1	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	40 ps
Differential	33 ps