

Series: SS5/ST5

Description: Razor Beam™ Low Profile Terminal/Socket Strip, 0.5mm Pitch, 5mm Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	51.4	51.4	51.3	51.0	50.3
Minimum Impedance	39.2	41.6	43.7	46.8	48.6

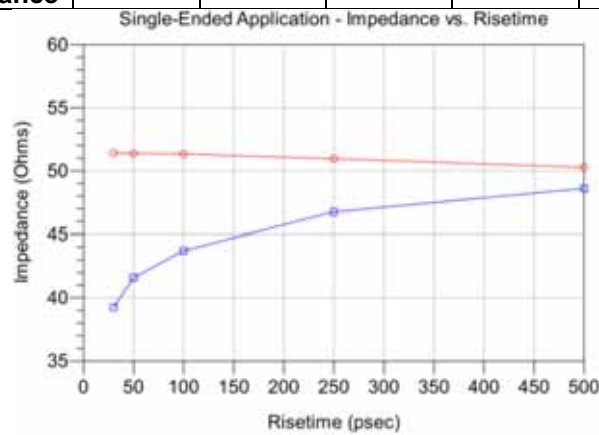
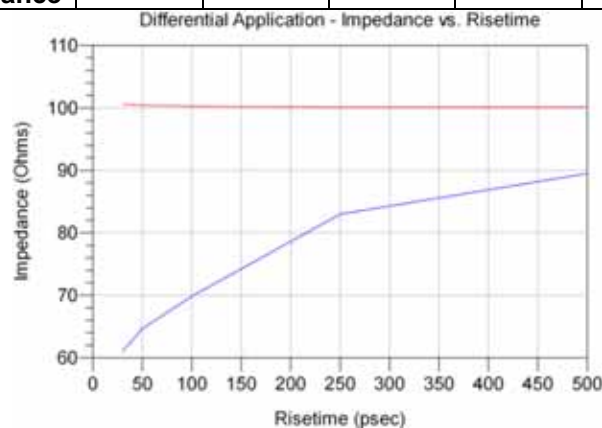


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	100.6	100.4	100.3	100.1	100.1
Minimum Impedance	61.1	64.6	69.9	83.0	89.5



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAQG	19.79	18.89	14.39	7.04	3.73
	GAGQG	2.50	2.22	1.62	0.77	0.40
	Xrow	1.53	1.08	0.71	0.32	0.20
FEXT	GAQG	2.34	1.52	0.63	0.17	<0.1
	GAGQG	2.66	1.84	0.75	0.23	0.12
	Xrow	1.11	0.57	0.23	<0.1	<0.1

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	5.60	5.34	4.20	2.24	1.22
	GAAGQQG	0.58	0.33	0.22	0.12	<0.1
	Xrow	0.30	0.22	0.14	<0.1	<0.1
FEXT	GAAQQG	2.12	1.97	1.67	0.89	0.45
	GAAGQQG	0.51	0.34	0.12	<0.1	<0.1
	Xrow	0.21	0.12	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	48 ps
Differential	40 ps