

Series: SS5/ST5

Description: Razor Beam™ Low Profile Terminal/Socket Strip, 0.5mm Pitch, 4mm Stack Height

Time Domain Data Summary

Table 3 - Single-Ended Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	50.9	50.7	50.6	50.4	50.1
Minimum Impedance	36.5	39.7	42.0	45.7	48.1

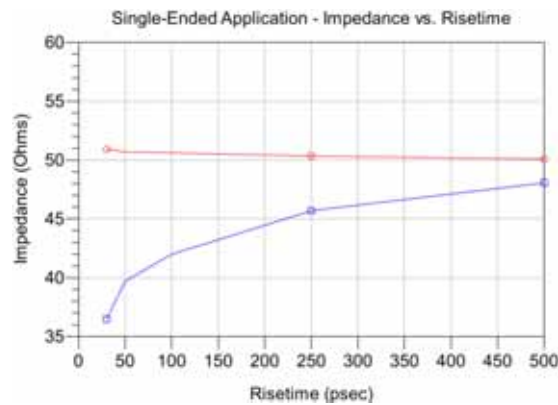
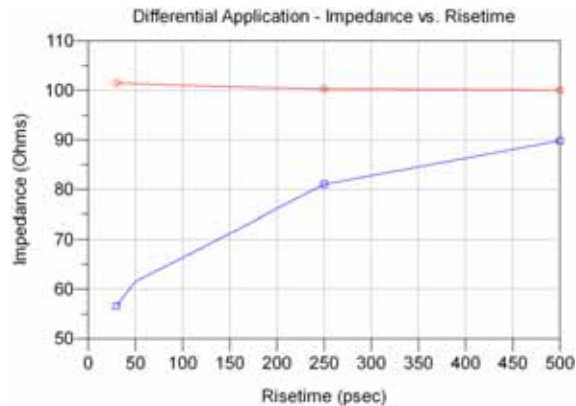


Table 4 - Differential Impedance (Ω)					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	101.5	101.3	101.0	100.3	100.0
Minimum Impedance	56.6	61.5	66.3	81.0	89.8



Series: SS5/ST5

Description: Razor Beam™ Low Profile Terminal/Socket Strip, 0.5mm Pitch, 4mm Stack Height

Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAQG	19.60	18.14	13.37	6.47	3.46
	GAGQG	2.80	2.28	1.56	0.72	0.36
	Xrow	1.28	1.19	0.87	0.40	0.22
FEXT	GAQG	3.28	2.83	1.88	0.87	0.44
	GAGQG	2.57	1.74	0.65	0.16	0.11
	Xrow	1.09	0.76	0.31	0.10	<0.1

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	5.44	5.07	3.87	2.07	1.14
	GAAGQQG	0.40	0.26	0.18	0.10	<0.1
	Xrow	0.30	0.22	0.14	<0.1	<0.1
FEXT	GAAQQG	2.32	2.13	1.76	0.93	0.49
	GAAGQQG	0.51	0.33	0.12	<0.1	<0.1
	Xrow	0.16	0.11	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	43 ps
Differential	36 ps