

Series: UEC5-2

Description: 28G+ FireFly™ Edge Card Socket Assembly, 0.5mm Pitch

Time Domain Data Summary

Table 2 - Differential Impedance (Ω) - A8A9

Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	109.1	108.8	108.1	105.7	102.9
Minimum Impedance	90.5	95.4	97.2	98.3	99.1

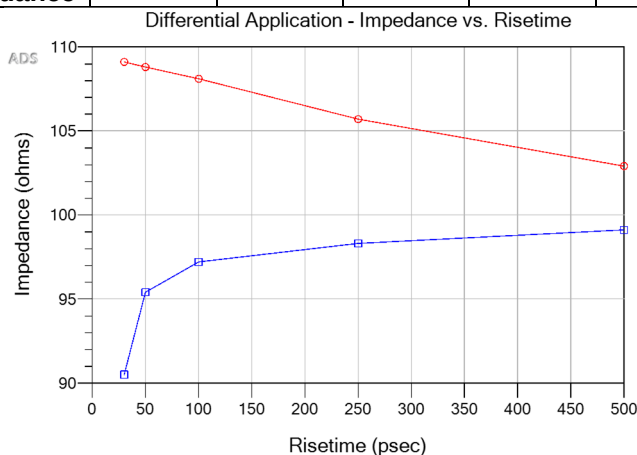
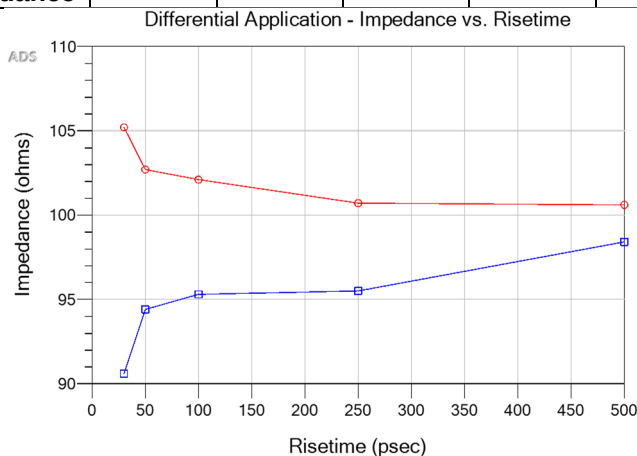


Table 3 - Differential Impedance (Ω) - B8B9

Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	105.2	102.7	102.1	100.7	100.6
Minimum Impedance	90.6	94.4	95.3	95.5	98.4



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Table 4 - Differential Crosstalk (%)						
Input(t _r)	Driver	Receiver	30ps	50ps	100ps	250ps
NEXT	Edge-Card_A8A9	Edge-Card_A5A6	0.8	0.7	0.5	0.3
	Edge-Card_A8A9	Edge-Card_A14A15	<0.1	<0.1	<0.1	<0.1
	Edge-Card_A8A9	Edge-Card_B5B6	<0.1	<0.1	<0.1	<0.1
	Edge-Card_A8A9	Edge-Card_B8B9	0.1	0.1	0.1	<0.1
	Edge-Card_A8A9	Edge-Card_B14B15	<0.1	<0.1	<0.1	<0.1
	Edge-Card_B8B9	Edge-Card_B5B6	0.4	0.3	0.2	0.1
	Edge-Card_B8B9	Edge-Card_B14B15	<0.1	<0.1	<0.1	<0.1
FEXT	Edge-Card_A8A9	UEC5_A5A6	0.2	0.1	0.1	<0.1
	Edge-Card_A8A9	UEC5_A14A15	<0.1	<0.1	<0.1	<0.1
	Edge-Card_A8A9	UEC5_B5B6	<0.1	<0.1	<0.1	<0.1
	Edge-Card_A8A9	UEC5_B8B9	0.1	<0.1	<0.1	<0.1
	Edge-Card_A8A9	UEC5_B14B15	<0.1	<0.1	<0.1	<0.1
	Edge-Card_B8B9	UEC5_B5B6	0.2	0.1	<0.1	<0.1
	Edge-Card_B8B9	UEC5_B14B15	<0.1	<0.1	<0.1	<0.1

Table 5 - Propagation Delay (Mated Connector)	
Differential (A8A9)	74 ps
Differential (B8B9)	57 ps