

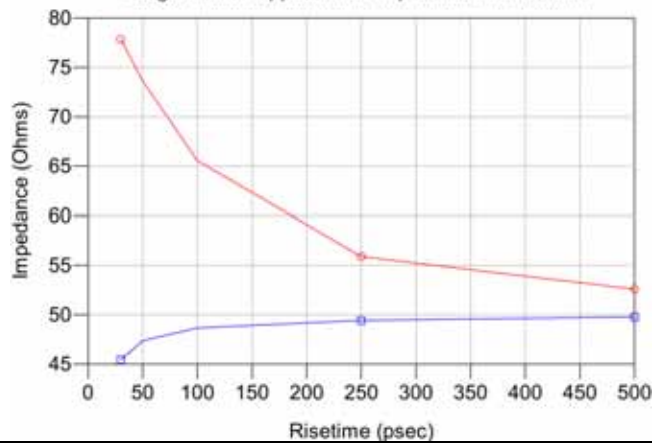
Series: ERF8/ERM8

Description: Edge Rate Strip, 0.8mm (0.0315") Pitch, 16mm (0.630") Stack Height

Time Domain Data Summary

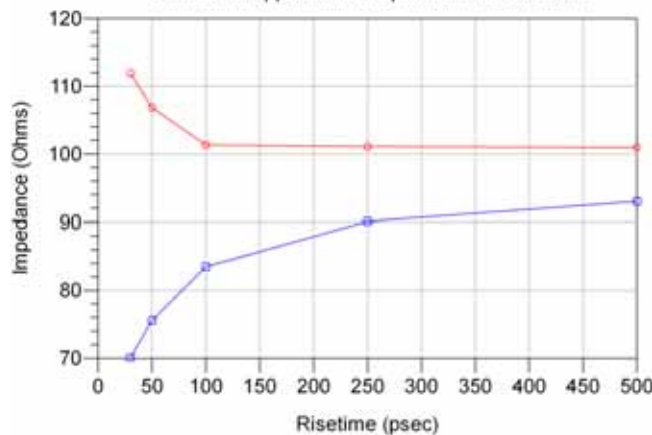
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	77.8	73.6	65.5	55.9	52.6
Minimum Impedance	45.4	47.4	48.7	49.4	49.8

Single-Ended Application - Impedance vs. Risetime



Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	111.9	106.8	101.3	101.1	100.9
Minimum Impedance	70.1	75.6	83.5	90.1	93.0

Differential Application - Impedance vs. Risetime



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAQG	20.55	18.97	18.07	12.59	7.46
	GAGQG	3.20	2.78	2.45	1.63	0.96
	Xrow	1.14	0.96	0.80	0.51	0.30
FEXT	GAQG	8.25	7.95	6.29	3.69	2.15
	GAGQG	2.79	2.00	1.12	0.67	0.39
	Xrow	0.66	0.42	0.33	0.20	0.12

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	5.97	5.54	4.26	2.19	1.17
	GAAGQQG	0.52	0.30	0.21	0.13	<0.1
	Xrow	<0.1	<0.1	<0.1	<0.1	<0.1
FEXT	GAAQQG	1.03	0.64	0.31	0.15	0.11
	GAAGQQG	0.59	0.39	0.19	<0.1	<0.1
	Xrow	<0.1	<0.1	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	101 ps
Differential	91 ps