

**Series:** ERF8/ERM8

**Description:** 0.8mm (0.0315") Pitch, Edge Mount Male (-EM) to Vertical Female (-DV)

## Time Domain Data Summary

Table 3 - Single-Ended Impedance ( $\Omega$ )					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	64.5	61.9	58.7	53.9	52.3
Minimum Impedance	44.8	47.7	49.5	49.7	49.8

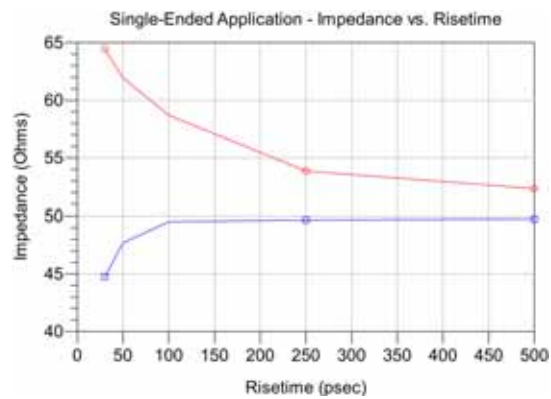
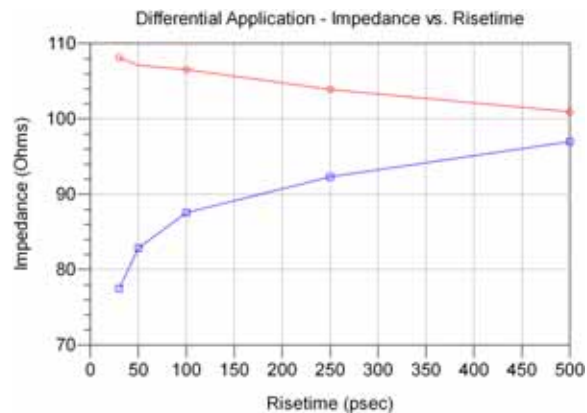


Table 4 - Differential Impedance ( $\Omega$ )					
Signal Rise-time	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	108.1	107.1	106.5	103.9	100.9
Minimum Impedance	77.5	82.8	87.5	92.3	97



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAQG	23.01	19.99	17.22	9.73	5.28
	GAGQG	3.72	2.82	2.1	1.17	0.59
	Xrow	1.22	0.97	0.7	0.39	0.21
FEXT	GAQG	9.98	7.64	5.49	3.13	1.77
	GAGQG	3.94	2.78	1.46	0.68	0.39
	Xrow	0.89	0.62	0.34	0.17	0.1

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	7.36	6.15	5.11	2.85	1.69
	GAAGQQG	1	0.59	0.31	0.17	<0.1
	Xrow	0.36	0.24	0.13	<0.1	<0.1
FEXT	GAAQQG	1.76	1.04	0.42	0.16	0.1
	GAAGQQG	1.12	0.72	0.32	0.11	<0.1
	Xrow	0.28	0.15	<0.1	<0.1	<0.1

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	78 ps
Differential	74 ps