

**Series:** TSM / HLE

**Description:** Surface Mount Terminal Strip 2.54mm Pitch, 7.47 mm (0.294") stack height

## Time Domain Data Summary

Table 3 - Single-Ended Impedance ( $\Omega$ )					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	86.0	79.1	67.3	56.9	53.3
Minimum Impedance	36.9	42.2	47.9	49.9	50.0

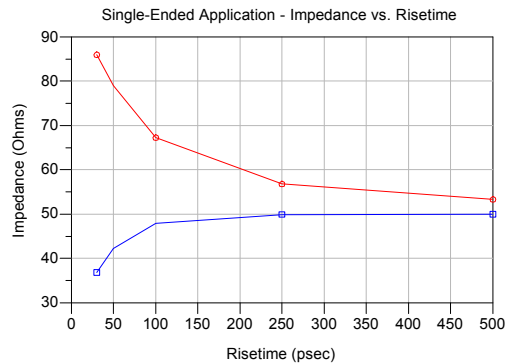


Table 4 - Differential Impedance ( $\Omega$ )					
Signal Risetime	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	134.7	128.1	116.0	107.0	104.2
Minimum Impedance	75.2	98.4	98.3	99.9	100.0

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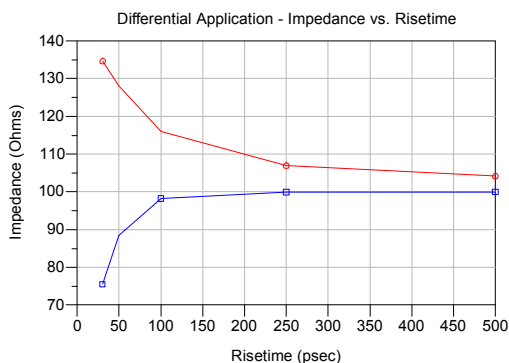


Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAQG	14.1	12.8	10.8	6.7	3.7
	GAGQG	2.9	2.5	1.9	1.1	0.6
	Xrow	10.8	9.2	6.5	3.3	1.7
FEXT	GAQG	13.3	10.6	7.6	4.3	2.4
	GAGQG	3.3	2.7	1.9	1.0	0.5
	Xrow	8.4	6.8	4.1	1.8	0.9

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	4.5	3.8	3.4	2.1	1.2
	GAAGQQG	0.5	0.5	0.3	0.2	<0.1
	Xrow	6.2	5.2	3.3	1.5	0.8
FEXT	GAAQQG	4.7	3.7	2.1	0.9	0.5
	GAAGQQG	0.8	0.6	0.3	0.1	<0.1
	Xrow	2.7	2.0	1.0	0.3	0.2

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	84 ps
Differential	84 ps