

**Series:** MEC6

**Description:** Vertical Surface Mount, 0.635mm (.025") Pitch, Mates w/ 1.60mm (.062") card

## Time Domain Data Summary

Table 3 - Single-Ended Impedance ( $\Omega$ )							
Signal Risetime	30 $\pm$ 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	52.8	52.3	52.3	51.9	51.7	51.4	50.8
Minimum Impedance	35.4	38.8	42.2	43.4	45.6	46.9	47.8

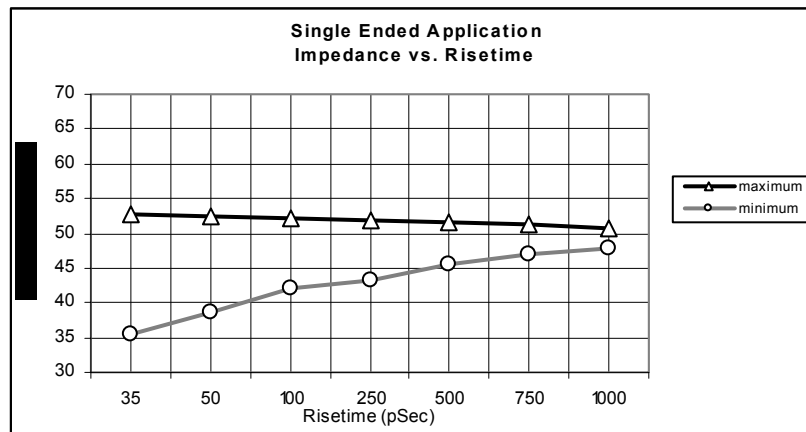
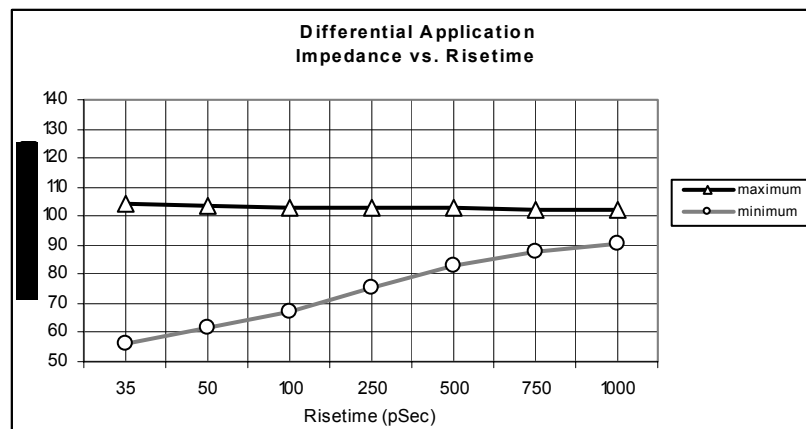


Table 4 - Differential Impedance ( $\Omega$ )							
Signal Risetime	30 $\pm$ 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	104.5	103.4	103.0	102.7	102.6	102.5	102.5
Minimum Impedance	56.3	61.5	67.0	75.1	83.0	87.6	90.6



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Table 5 - Single-Ended Crosstalk (%)								
Input (t <sub>r</sub> )		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAQG	18.9	17.0	14.6	8.3	4.7	3.3	2.5
	GAGQG	4.2	2.7	2.0	1.1	< 1.0%	< 1.0%	< 1.0%
	Xrow <sup>se</sup>	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%
FEXT	GAQG	3.4	2.5	1.5	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	GAGQG	2.4	2.0	1.5	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	Xrow <sup>se</sup>	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%

Table 6 - Differential Crosstalk (%)								
Input (t <sub>r</sub> )		30±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
NEXT	GAAQQSS	5.1	4.7	4.1	2.4	1.4	1.0	< 1.0%
	GAAGQQG	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	Xrow <sup>diff</sup>	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%
FEXT	GAAQQSS	1.6	1.4	1.2	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	GAAGQQG	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	Xrow <sup>diff</sup>	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	76ps
Differential	78ps