

**Series:** QMSS/QFSS

**Description:** Shielded Q2 Socket/Terminal Strip, GSSSSG Standard Shield Configuration, 0.635mm (.025") Pitch, 11mm (.433") Stack Height

## Time Domain Data Summary

Table 4 – Single-Ended Impedance ( $\Omega$ ) – Case I							
Signal Risetime	35±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
<b>Maximum Impedance</b>	58.3	55.7	53.5	53.2	53.0	52.8	52.3
<b>Minimum Impedance</b>	40.0	43.9	47.5	50.4	51.4	51.8	51.8

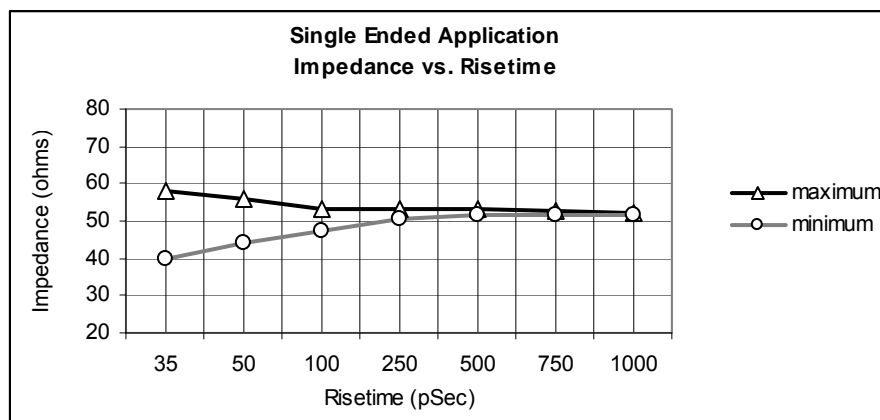
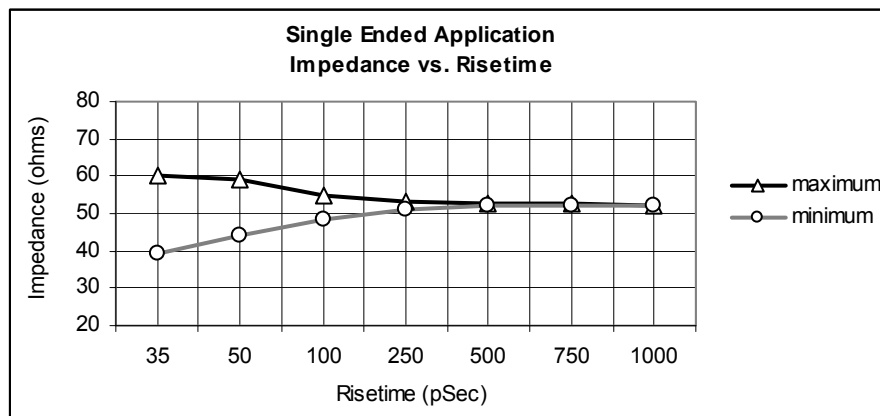


Table 5 – Single-Ended Impedance ( $\Omega$ ) – Case II							
Signal Risetime	35±5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
<b>Maximum Impedance</b>	60.4	59.1	54.8	53.1	52.9	52.6	52.3
<b>Minimum Impedance</b>	39.3	43.9	48.3	51.2	51.9	52.1	52.1



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**Table 6 - Differential Crosstalk (%)**

Input (t <sub>r</sub> )	Source	Victim	35±5ps	50ps	100ps	250ps	500ps	750ps	1ns
NEXT	QFSS_100-102	QFSS_96-98	5.2	5.0	4.5	3.0	1.9	1.3	1.1
	QFSS_14-16	QFSS_8-10	1.1	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	QFSS_99-101	QFSS_100-102	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%
NEXT	QFSS_100-102	QMSS_96-98	3.2	2.1	1.4	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	QFSS_14-16	QMSS_8-10	2.1	1.3	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%
	QFSS_99-101	QMSS_100-102	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%	< 1.0%

**Table 7 - Propagation Delay**

Configuration		Signal Path	Mated Connector Only
Single-Ended, Case I	Ch3 to Ch5	probe 3=QFSS_3, probe 5=QMSS_3	82ps
Single-Ended, Case II	Ch3 to Ch5	probe 3=QFSS_15, probe 5=QMSS_15	77ps
Differential Pair	Ch56 to Ch34	QFSS-DP_93-95, QMSS-DP_93-95	80ps