

Series: SIBF

Description: High Speed One Piece Interface, 1.27mm Pitch, 3mm Stack Height

## Time Domain Data Summary

Table 3 – Single-End Impedance ( $\Omega$ )					
Signal Rise-time	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	68.471	64.229	55.670	50.720	50.519
Minimum Impedance	40.092	43.239	47.217	49.534	49.600

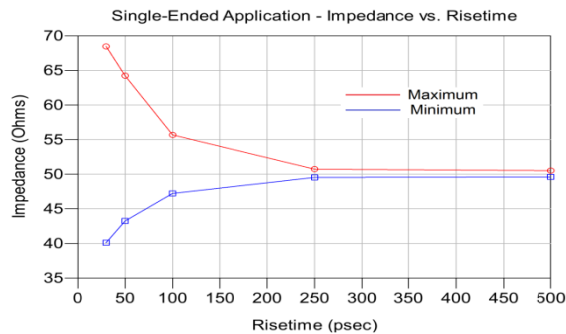
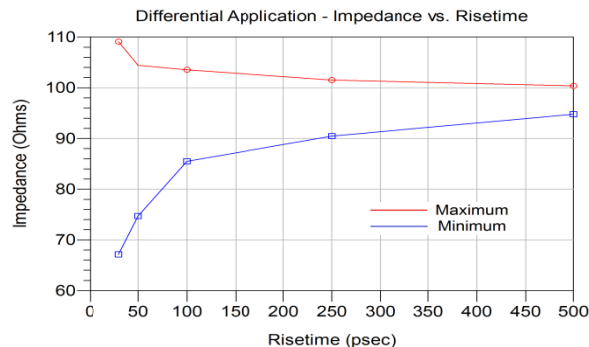


Table 4 - Differential Impedance ( $\Omega$ )					
Signal Rise-time	30 ps	50 ps	100 ps	250 ps	500 ps
Maximum Impedance	109.104	104.417	103.532	101.526	100.375
Minimum Impedance	67.137	74.694	85.499	90.456	94.774



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Table 5 - Single-Ended Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAQG	15.612	13.945	12.546	7.440	4.212
	GAGQG	5.189	3.392	2.473	1.127	0.699
	Xrow	N/A	N/A	N/A	N/A	N/A
FEXT	GAQG	7.240	4.584	2.778	1.464	1.005
	GAGQG	4.427	3.598	2.319	1.021	0.592
	Xrow	N/A	N/A	N/A	N/A	N/A

Table 6 - Differential Crosstalk (%)						
Input(tr)		30ps	50 ps	100 ps	250 ps	500 ps
NEXT	GAAQQG	4.779	4.622	4.161	2.501	1.375
	GAAGQQG	1.050	0.425	0.161	0.065	0.031
	Xrow	N/A	N/A	N/A	N/A	N/A
FEXT	GAAQQG	1.579	0.968	0.668	0.436	0.233
	GAAGQQG	0.586	0.322	0.123	0.018	0.006
	Xrow	N/A	N/A	N/A	N/A	N/A

Table 7 - Propagation Delay (Mated Connector)	
Single-Ended	85ps
Differential	86ps