

Series: IJ5/IP5

Description: IsoRate, 4.0mm (.157") Pitch, 10mm (.397") Stack Height

Time Domain Data Summary

Table 2 - Impedance (Ω) (TST31 J31-4)							
Signal Rise time	35 \pm 5ps	50 ps	100 ps	250 ps	500 ps	750 ps	1 ns
Maximum Impedance	59	54	52	51	50	50	50
Minimum Impedance	39	42	47	48	50	50	50

Table 3 - Single-Ended Crosstalk (%)							
Input (t_r)		Source	Victim	35 \pm 5ps	50ps	100ps	250ps
N E X T	Port 1 to port 3	TST31 J31-4	TST31 J31-3	0.06%	0.037%	0.008%	0.005%
	Port 1 to port 3	TST31 J31-4	TST31 J31-2	0.025%	0.02%	0.0025%	0.004%
	Port 1 to port 3	TST31 J31-4	TST31 J31-1	0.05%	0.035%	0.005%	0.001%
F E X T	Port 1 to port 4	TST31 J31-4	TST32 J31-3	0.06%	0.037%	0.005%	0.002%
	Port 1 to port 4	TST31 J31-4	TST32 J31-2	0.025%	0.015%	0.0025%	0.0006%
	Port 1 to port 4	TST31 J31-4	TST32 J31-1	0.05%	0.035%	0.005%	0.0005%

Table 4 - Propagation Delay			
Configuration		Signal Path	Mated Connector + BOR
Single-Ended	Port 1 to Port 2	TST31 J31-4 to TST31 J32-4	176 ps