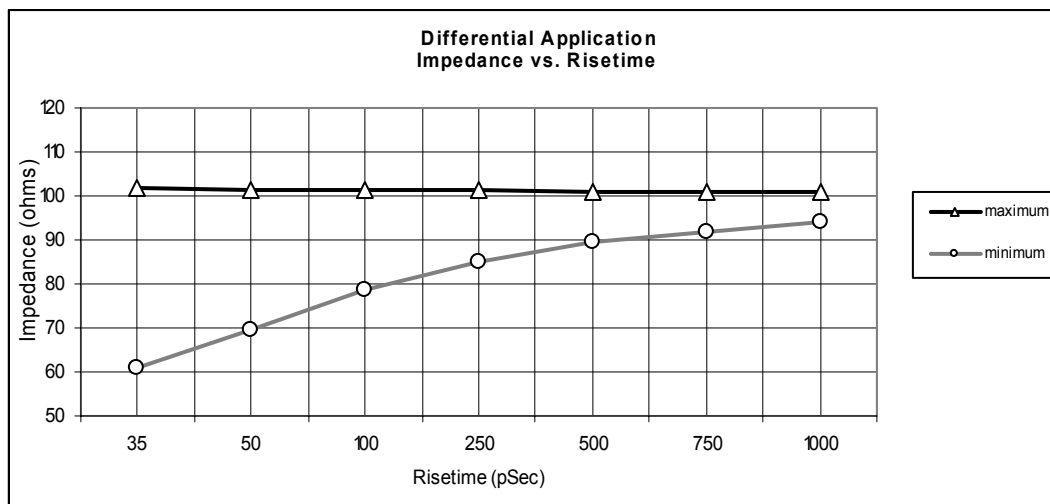


Series: QFS-DP/QMS-DP, Micro High Speed

Description: Parallel Board-to-Board, 0.635mm Pitch, 11mm (0.433") Stack Height

Time Domain Data Summary

| Table 2 - Differential Impedance (Ω) | | | | | | | |
|-----------------------------------------------|--------------|-------|--------|--------|--------|--------|-------|
| Signal Risetime | 30 \pm 5ps | 50 ps | 100 ps | 250 ps | 500 ps | 750 ps | 1 ns |
| Maximum Impedance | 101.9 | 101.3 | 101.2 | 101.2 | 101.1 | 101.0 | 100.9 |
| Minimum Impedance | 60.9 | 69.7 | 78.6 | 85.0 | 89.3 | 92.0 | 93.9 |



| Table 3 - Differential Crosstalk (%) | | | | | | | | |
|--------------------------------------|----------------------|--------------|--------|--------|--------|--------|--------|--------|
| Input (t_r) | | 30 \pm 5ps | 50 ps | 100 ps | 250 ps | 500 ps | 750 ps | 1 ns |
| NEXT | AA QQ | 1.9 | 1.8 | 1.6 | < 1.0% | < 1.0% | < 1.0% | < 1.0% |
| | Xrow ^{diff} | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% |
| FEXT | AA QQ | 1.6 | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% |
| | Xrow ^{diff} | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% | < 1.0% |

| Table 4 - Propagation Delay (Mated Connector) | |
|-----------------------------------------------|------|
| Differential | 90ps |