

Series: FSI Series

Description: One Piece Board Stacking Interconnect, 1.0mm Pitch, 6mm (0.236") Body Height

Frequency Domain Data Summary

| Table 1 - Single-Ended Connector System Performance | | |
|---|------------------|-------------------|
| Test Parameter | Configuration | |
| Insertion Loss | GSG | -3dB@ 7.18GHz |
| Return Loss | GSG | -5.50dB@ 7.18GHz |
| Near-End Crosstalk | GAQG | -14.41dB@ 7.18GHz |
| | GAGQG | -16.90dB@ 7.18GHz |
| | Xrow, GAG to GQG | -24.57dB@ 7.18GHz |
| Far-End Crosstalk | GAQG | -18.41dB@ 7.18GHz |
| | GAGQG | -19.97dB@ 7.18GHz |
| | Xrow, GAG to GQG | -26.41dB@ 7.18GHz |

| Table 2 - Differential Connector System Performance | | |
|---|--------------------|-------------------|
| Test Parameter | Configuration | |
| Insertion Loss | GSSG | -3dB@ 7.36GHz |
| Return Loss | GSSG | -5.21dB@ 7.36GHz |
| Near-End Crosstalk | GAAQQG | -28.58dB@ 7.36GH |
| | GAAGQQG | -36.97dB@ 7.36GHz |
| | Xrow, GAAG to GQQG | -31.80dB@ 7.36GHz |
| Far-End Crosstalk | GAAQQG | -35.68dB@ 7.36GHz |
| | GAAGQQG | -28.41dB@ 7.36GHz |
| | Xrow, GAAG to GQQG | -28.89dB@ 7.36GHz |

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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