

Series: BSE/BTE

Description: Parallel Board-to-Board, 0.8mm Pitch, 25mm (0.984") Stack Height

Frequency Domain Data Summary

| Table 1 - Single-Ended Connector System Performance | | |
|---|------------------|------------------------|
| Test Parameter | Configuration | |
| Insertion Loss | GSG | -3dB @ 2.98 GHz |
| Return Loss | GSG | < -5dB to 7.92 GHz |
| Near-End Crosstalk | GAQG | < -5dB to 7.92 GHz |
| | GAGQG | < -22dB to 7.92 GHz |
| | Xrow, GAG to GQG | < -35dB to 7.92 GHz |
| Far-End Crosstalk | GAQG | < -20B to 7.92 GHz |
| | GAGQG | < -22dB to 7.92 GHz |
| | Xrow, GAG to GQG | < -38dB to 7.92 GHz |

| Table 2 - Differential Connector System Bandwidth | | |
|---|--------------------|------------------------|
| Test Parameter | Configuration | |
| Insertion Loss | GSSG | -3dB @ 2.90 GHz |
| Return Loss | GSSG | < -5dB to 4.56 GHz |
| Near-End Crosstalk | GAAQQG | < -12dB to 4.56 GHz |
| | GAAGQQG | < -18dB to 4.56 GHz |
| | Xrow, GAAG to GQQG | < -40dB to 4.56 GHz |
| Far-End Crosstalk | GAAQQG | < -18dB to 4.56 GHz |
| | GAAGQQG | < -22dB to 4.56 GHz |
| | Xrow, GAAG to GQQG | < -40dB to 4.56 GHz |

PCB/Connector Test System
Single Ended & Differential Signal Response
BSE-01 / BTE-07

