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Poster Session





Coaxial Contacting

Jim Brandes Xcerra / Multitest

Technologies that Benefit from Coaxial:

- Data Center
- Increasing Processing Speed
- Internet of Things

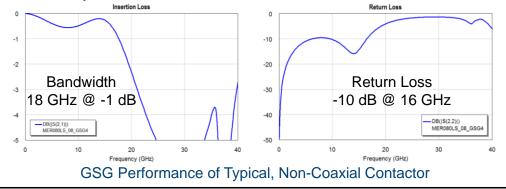
Package Characteristics:

- Array Packages
- Highly Integrated Devices
- Densely Packed, Hi I/O count
- Poor Ground Configurations

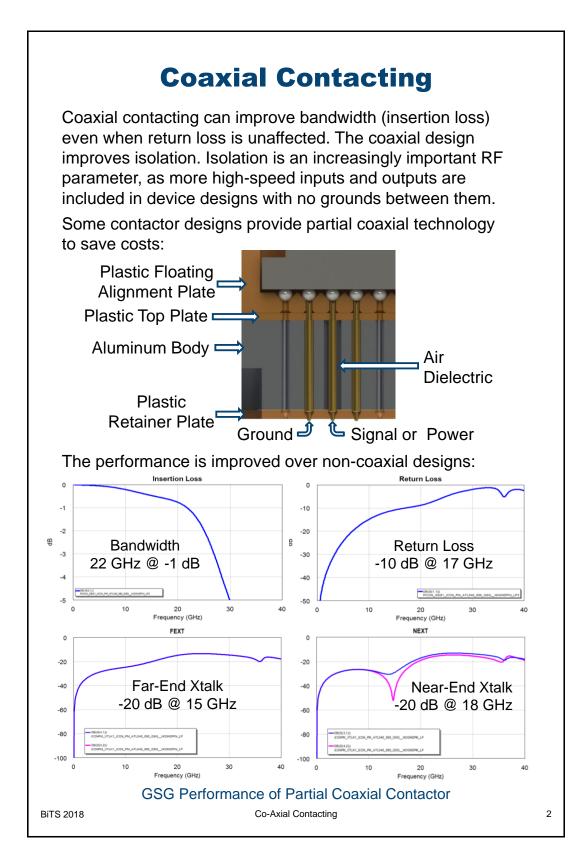
Contactor Requirements:

- High Bandwidth
 - >25 GHz to accommodate >50 Gbit/s
- Low Inductance & High Current
 - Clean power delivery at high frequencies
- High Isolation
 - Accommodate large quantities of closely spaced I/O
- High Compliance
 - · Accommodate planarity issues of large packages
- Low Force
 - Avoid handler force limitations

RF performance in contactors has traditionally focused on Bandwidth (Insertion Loss) with impedance matching (Return Loss) being a secondary consideration and little concern about crosstalk



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