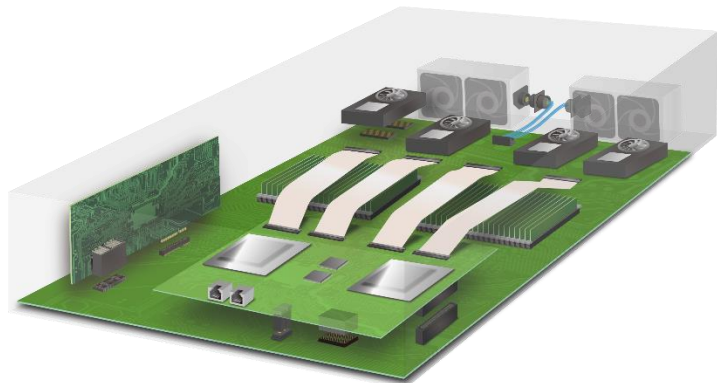




High Speed SMT (Mezzanine)

**FX10 Series**

**16Gbps
High Speed Transmission**

- Pitch: 0.5mm
- Impedance: 85&100Ω
- Stacking Height: 4-8mm
- No. of Pos.: 80-168

High Speed BGA (Mezzanine)

**IT5 Series**

**25+Gbps
High Speed Transmission**

- Designed with optimal signal integrity
- and the unique, effective floating design of the IT3 Series
- The Helix Interposer with HRS Original FEXT Cancellation Technology prevents noise
- Stacking Height: 14-40mm
- No. of Pos.: 100, 200, 300

**IT8 Series**

**28+Gbps (2-Piece)/56+Gbps (3-Piece)
High Speed Transmission**

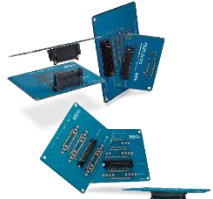
- New design realizes low stacking height and floating mechanism (2-piece)
- HRS original FEXT cancellation technologies and quasi-coaxial design enable ultra high-speed signal transmission
- Stacking Height: 10-13mm (2-piece), 14-46mm (3-piece)
- No. of Pos.: 120, 192, 288

**IT14 Series**

**56+Gbps NRZ
112+Gbps PAM4
High Speed Transmission**

- Low profile and hermaphroditic design reduces part management
- Protective housing that encapsulates the contact tips prevents warping during mating.
- Contact Protection Design
- Stacking Height : 5.0mm
- No. of Pos.: 688

High Speed Transmission Board-to-Board SMT (Mezzanine, Vertical, Coplanar)

FunctionMAX™**FX23/FX23L Series****16Gbps****High Speed Transmission**

- Floating Design for Mounting Flexibility
- Orientation: Mezzanine, Vertical
- Pitch: 0.5mm
- Stacking Height: 8-30mm
- No. of Pos.: 20-120 (Signal)
4 (Power)

FunctionMAX™**FX18 Series****16Gbps****High Speed Transmission**

- Multi-function Contacts for Power, Ground and Sequential Connections
 - Orientation: Mezzanine, Coplanar, Vertical
 - Pitch: 0.8mm
 - Stacking Height: 10-45mm
 - No. of Pos.: 40-180*
- (*160, 180pos.: Coplanar Connection)

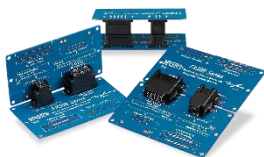
FunctionMAX™**ER8 Series****16+Gbps****High Speed Transmission**

- Smooth Insertion & High Mating Reliability
- Orientation: Mezzanine, Coplanar, Vertical
- Pitch: 0.8mm
- Stacking Height: 7-12mm
- No. of Pos.: 10-140

**IT9 Series****32Gbps****High Speed Transmission**

- Floating Design
- Orientation: Vertical
- Pitch: 0.5mm
- No. of Pos.: 152

Power

FunctionMAX™**FX30B Series****Rated Current: 25A Max.**

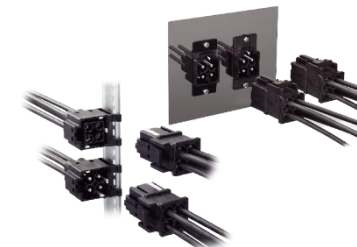
- Misalignment Absorption
- Stacking Height: 20-30
- No. of Pos.: 2, 3, 4, 5

**IT-P Series****Rated Current: 70A Max.***

- Floating 3-piece Design for Mounting Flexibility
- Stacking Height: 10-66mm
- No. of Pos.: 2

EnerBee™**DF60 Series****Rated Current: 65A Max.***

- HRS Original independent 5-point contact design secures high contact reliability
 - Pitch: 10.16mm
 - No. of Pos.: 1-6
 - Applicable Cable : 8, 10, 12 AWG
- *Derating Curve, Ambient Temperature of 25°C

**EM35M Series****Rated Current: 70A Max.**

- Quick and secure Snap-On lock
- Configuration: DIN rail mount & Panel mount
- No. of Pos.: 4
(Three phase power source + ground)
- Applicable Cable : 8, 10 AWG