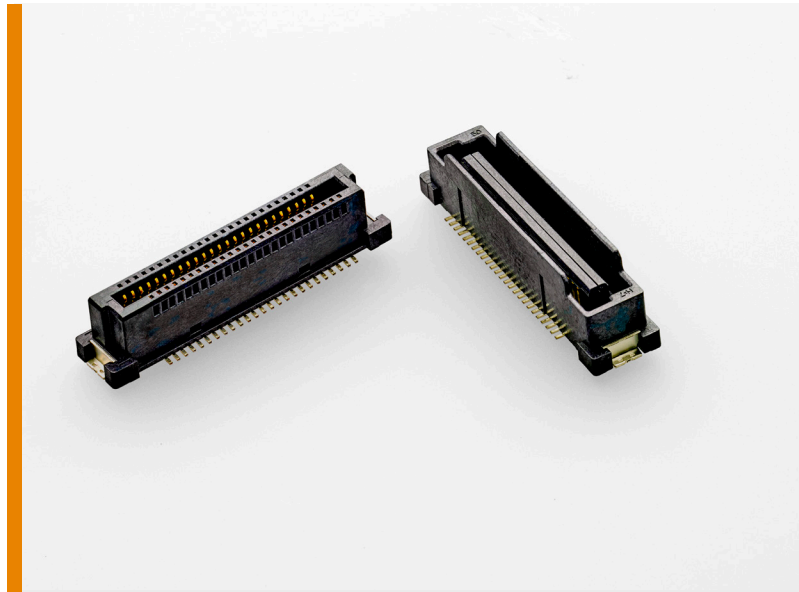


INTRODUCING NEXT GENERATION 0.8MM FREE HEIGHT CONNECTORS

- Achieve 32 Gbps+ - one of the highest in the market
- Excellent price-to-performance ratio



Our next generation 0.8mm free height connectors achieve 32 Gbps+ speeds – one of the highest in the market – at a very competitive price point to enable main stream adoption in high speed data communication applications. These connectors perform at up to triple the speed of previous generations and will be capable of 56 Gbps PAM-4 and PCIe Gen 5, ensuring future-proofing toward future system upgrades.

KEY BENEFITS

- High speed, mid-density mezzanine reaches speeds of 32 Gbps+ and is 56 Gbps PAM-4 and PCIe Gen 5 capable
- Up to triple the speed of previous generation free height connectors
- Excellent price-to-performance ratio – one of the highest performing free height connectors in the market offered at a very competitive price
- Modular tooling enables 1mm stack height increments and flexible pin counts
- New design strengthens the plug/receptacle to enable better mating performance
- Maintains the same performance when de-mated up to 0.5mm

LEARN MORE

[Free Height Connector Landing Page](#)
[0.8mm Free Height Connector Quick Reference Guide](#)
[0.8mm Free Height Connector Parts List](#)

APPLICATIONS

- Servers
- Switches
- Routers
- Embedded computers
- Test equipment
- Measurement equipment
- Magnetic Resonance Imaging (MRI) machines
- High definition scopes

ELECTRICAL

- Voltage rating: 30 VDC
- Current rating: 0.5A/pin
- Insulation resistance: 500 mΩ min

MECHANICAL

- Temperature rating: -45°C to 105°C

MATERIALS

- Housing and contact overmold: LCP, black
- Carry cover: stainless steel
- Contacts: Copper alloy
- Underplate: Nickel
- Engagement area: Gold
- Soldering area: matte tin

STANDARDS & SPECIFICATIONS

- N/A