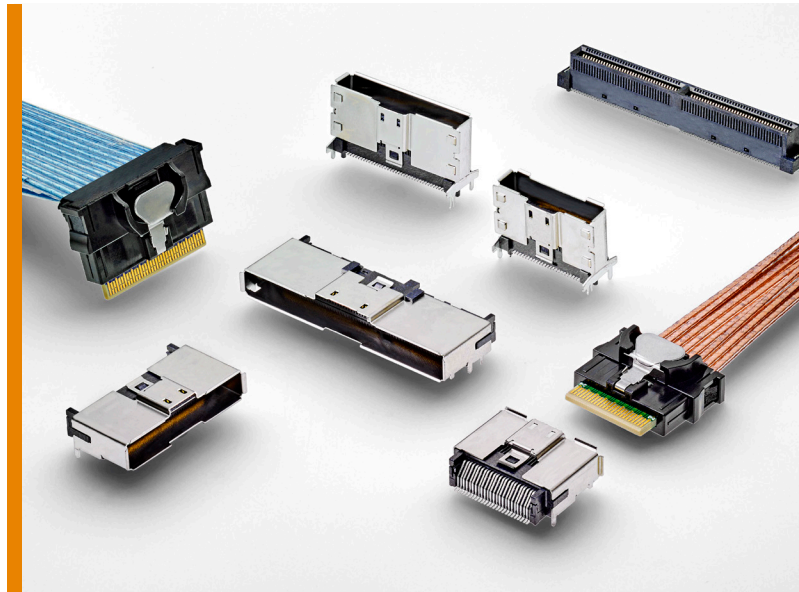


# INTRODUCING SLIVER INTERNAL CABLED INTERCONNECTS

- Provide ultimate flexibility in applications, data rates and protocols
- Save space with 0.6mm contact pitch



TE Connectivity's (TE) new Sliver internal cabled interconnect is one of the most flexible solutions providing up to 25 Gbps data rates. Sliver products are used for making internal I/O connections on the board across many applications, data rates and protocols (PCI Express, SAS, Ethernet, InfiniBand and other customer specified protocols). With a 0.6mm contact pitch, Sliver products are super slim, allowing you to fit more inside the box. TE provides a highly robust metal housing design on the connector cage to help withstand cable pull while an active latch provides additional connection security. This new technology simplifies design and helps lower overall costs by eliminating the need for re-timers and more costly lower-loss PCB materials while reaching speeds up to 25 Gbps with the use of TE high speed cable.

## KEY BENEFITS

- Provide ultimate design flexibility in applications, data rates and protocols
- Allow for both cabled and card edge interconnect designs with an industry leading portfolio of vertical and right angle solutions in multiple sizes
- Save space with 0.6mm contact pitch that is up to 30% denser than existing solutions
- Provide robust connector housing design and an active latch for additional connection security in data critical applications
- Lower overall design costs by eliminating the need for re-times and more costly lower-loss PCB materials
- Simplify overall system design for high speed routing and reach speeds up to 25 Gbps with the use of TE's high speed cable

## LEARN MORE

[Sliver Product Family Landing Page](#)

[Sliver Product Family Brochure](#)

[Sliver Cable Assembly Technical Datasheet](#)

[Trend Article: Specifying Mid-Board Copper Solutions](#)

[Sliver Parts List](#)

## APPLICATIONS

- Servers
- Switches
- High performance computing
- Storage devices

## ELECTRICAL

- Max Voltage: 12V per pin
- Max Current: 500 mA per pin
- Supports both: 85 ohm and 100 ohm environments

## MECHANICAL

- Active latch retention force: 35N (minimum)
- Operating temperature range: -40° to +85° C

## MATERIALS

- Contacts: Copper Alloy
- Connector housing: LCP, Black, UL 94V-0
- Housing: Copper Alloy, Nickel Plated

## STANDARDS & SPECIFICATIONS

- IEEE 802.3bj Ethernet protocol
- PCIe Gen3 & Gen4 protocols (8Gbps & 16Gbps)
- SAS-3 and SAS-4 protocols (12Gbps & 24 Gbps)