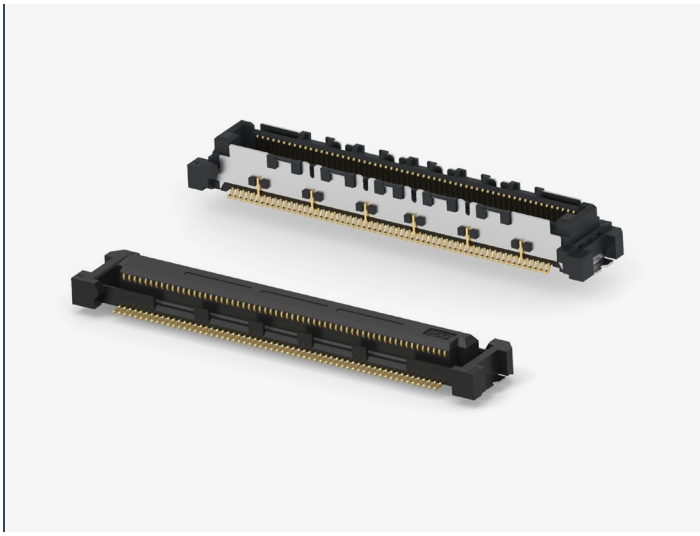
INTRODUCING

25G 0.5mm FREE HEIGHT COMPUTER-ON-MODULE (COM) EXPRESS CONNECTORS

- **25 Gbps data rate, enabling PCIe Gen4 applications**
- **Same footprint to COM Express standards**
- **Reduce mating and unmating force by 30%**



TE Connectivity's (TE) new 25G 0.5mm Free Height COM Express Connectors extend TE's portfolio by delivering faster data speeds—up to 25Gbps—improved signal integrity, and full backward compatibility with previous generations. They feature an enhanced mechanical design intended for easier installation, reduced mating and unmating force, and economic upgrade paths—no PCB footprint changes required. Multiple configuration options support diverse system requirements in embedded modules, switches, test & measurement, aerospace, and medical devices.

KEY BENEFITS

- Enhanced contact design can enable better signal integrity performance
- 25 Gbps data rate, enabling PCIe Gen4 applications
- Improved mechanical design can reduce mating and unmating force by 30% compared to our previous generation products
- Same footprint to COM Express standards
- Not required to change PCB footprints when upgrading applications
- More position options – 40/80/120/160/220/440
- 5mm & 8mm stacking heights

INDUSTRIES

- Industrial Machinery & Equipment
- Test & Measurement Equipment
- Computer Equipment & Peripherals
- Telecommunication Equipment
- Aerospace & Defense
- Medical Devices & Equipment
- Security Products

APPLICATIONS

- COM Designs
- Other applications where vertical parallel board-to-board connections are needed, for example:
  - Embedding Modules
  - Customized Carrier/PC/Control Boards

LEARN MORE

- Landing Page
- Brochure

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