DATA COMMUNICATIONS APPLICATIONS

Exceptional data storage and data processing services can be delivered through data centers built upon an agile, secure and reliable infrastructure, operating at the highest levels of efficiency and availability. TE brings you the latest innovations in data center connectivity while also delivering quality products and service you deserve.

TE offers a broad portfolio of complementary products and system expertise to help you create cutting-edge solutions for forward-looking data centers. We share our global experience of connectivity applications with our customers, to 'design in' these key principles into the infrastructure and the storage and processing equipment in your data center. TE enables designers to be even more responsive, more nimble and more agile – more innovative than ever before.
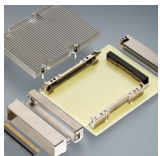
BOARD LEVEL SHIELDING
Minimize crosstalk and reduce EMI susceptibility with a lightweight and thermally conductive solution offered in cold rolled steel and aluminum materials

ELCON MINI I/O POWER CONNECTORS
Support a rating higher current than similar small sized solutions (up to 40 A per contact, 400 Volts AC or DC)

CFP PLUGGABLE I/O
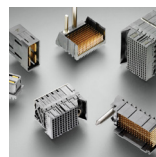Support 40 Gbps and 100 Gbps Ethernet applications at 10 Gbps data rates per channel

FULLAXS/FULLAXS MINI CONNECTOR SEALING & CABLE ASSEMBLY SYSTEM
Enables one-handed, blind installs from any angle with a product that is scalable to meet most any infrastructure requirements

CFP2/4 CONNECTORS
Transfer more data in a smaller space with a high density, 0.6mm contact pitch that provides up to 28 Gbps per lane

IMPACT BACKPLANE PRODUCTS
Save space using differential pair density with up to 80 pairs per linear inch

DWFR HEAT SHRINK TUBING
Withstand mechanical stress, resist moisture ingress and protect components and wiring with highly flame retardant tubing

MICROQSFP CONNECTORS
Save space on the PC board with this first to market product that has a 33% higher density design than existing QSFP form factors with superior thermal performance

TE connectivity

MINI-SAS HD CONNECTORS

Save additional 30% to 50% PCB space and offers one-step placement to the board

SINGLE WALL FLAME RETARDANT (SWFR) TUBING

Enable electrical insulation and mechanical protection with halogen-free, UL-VW 1 rated irradiated polyolefin tubing

POWER DATA COMMUNICATIONS CABLE ASSEMBLIES

Offer a highly customizable solution with standard or high-flex cable assembly designs for easier routability

SLIVER CONNECTORS AND CABLE ASSEMBLIES

Provide one of the most flexible solutions for making internal I/O connections on the board and simplify overall system design for high speed routing to reach speeds up to 25 Gbps

QSFP+ PLUGGABLE I/O CONNECTORS

Provide 3x to 4x the density of SFP+ and XFP interconnects with four channels in one interface

STRADA WHISPER BACKPLANE PRODUCTS

Support up to 56 Gbps (PAM4 and NRZ) with best in class electrical performance

SFP PLUGGABLE I/O CONNECTORS

Support Ethernet, Fibre Channel, and InfiniBand standard applications for up to 16 Gbps with this customizable solution

ZQSFP+ PLUGGABLE I/O CONNECTORS

Increase data rates with 2.5 times more throughput than existing solutions by supporting up to 28 Gbps

SFP+ PLUGGABLE I/O CONNECTORS

Support applications up to 4 Gbps with single port, ganged and stacked cages and a 20 position PT connector

ZSFP+ PLUGGABLE I/O CONNECTORS

Perform at data rates of 28 Gbps up to 40 Gbps and enable superior signal integrity, mechanical and electrical performance

TE connectivity