



BUILDING SAFETY & SECURITY



MONITOR, DETECT, CONNECT

Stay ahead of the trends for increased building intelligence with our proven interconnect solutions. Our products can:

- help you add or expand device intelligence
- bring power and increased data bandwidth to end point devices
- extend the performance and range of end device communication to the network.

Whether you're designing a fire detection, video surveillance or access control system, we offer the right solutions to help accelerate your path to market.

DISCOVER MORE
te.com





BUILDING SAFETY & SECURITY

INPUT/OUTPUT (I/O) & CABLE ASSEMBLIES

Product satisfaction depends on reliable I/O and cable assembly connectivity

HDMI Connectors

Digital audio and video in one popular format available with full shielding for ESD protection



RJ45 Connectors

Our broad range of modular I/O jacks and plugs offer reliable and space-saving solutions



USB Connectors

Universal and user-friendly, TE offers micro USB, USB 3.0, and the high-power and reversible USB Type-C solutions



Multimedia Cable Assemblies

From DVI and HDMI, to DisplayPort and USB, we support the latest high-speed standards



Bulk Cable

Specialty cables custom-engineered for precision signal integrity and harsh environments



WIRE-TO-BOARD

We offer a broad array of products for your wire-to-board requirements

Common Termination (CT) Connectors

2mm centerline connectors feature both crimp and IDC style interconnects with many header options



Mini CT Connectors

1.5mm centerline connectors feature both crimp and IDC style interconnects with many header options



High Performance Interconnects (HPI)

Industry standard square-peg technology in single- and dual row post headers available in various pitches and colors



Flexible Printed Circuit (FPC) Connectors

Space saving solutions for signal routing. Available in 0.25 to 1.25mm centerlines in both ZIF and non ZIF styles.



ANTENNAS

Antenna performance, reliability and durability are essential

Embedded Antennas

A range of products supporting low profile wireless connectivity for 4G and 5 GHz Wi-Fi applications



BOARD-TO-BOARD

Excellent signal integrity mitigates negative effects of electrical noise

Free Height Connectors

These versatile connectors may be useful for downsizing applications that require parallel stacked circuit boards



POWER & GROUNDING

Our miniaturized solutions help reduce and control the effect of EMI in complex systems

Battery Connectors

Balance current carrying capabilities, provide higher amps, and support fast charging times with a range of solutions



Spring Fingers

Tiny, scalable, surface mountable contacts allow designers to fit grounding solutions in most places



CARD & SOCKET

From IC sockets to SD cards, we make it easy to get connected and process, share or store data

DIP Sockets

Provide a reliable connection between integrated circuits (ICs) and printed circuit boards (PCBs) with contact counts ranging from 6 to 48



DIMM Sockets

Dual in-line memory module sockets design to JEDEC industry standards. Enable reliable connection to standard memory modules



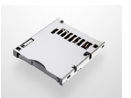
Mini Spring Sockets

A series of individual sockets provide low contact resistance with a low profile design for tighter board stacking and increased PCB clearance



SD Card Connectors

Standard, micro, or micro/SIM combos with available push/push and push/pull matings





COMMERCIAL BUILDINGS

BUILDING COMFORT AND EFFICIENCY

Today's buildings are becoming increasingly efficient and connected; our experts in commercial buildings equipment can partner with you to solve your connectivity challenges. We link power and data on every floor of

the building — from environmental and illumination controls, to safety, people flow, convenience, and service equipment. Together, we can deliver greater control and more comfortable living and working spaces.

FIND OUT MORE
te.com/IB



WIRE-TO-BOARD & FLEX

TE offers an extremely broad array of products for your wire-to-board and flex connections.



AMP CT & Mini CT Connectors

With broad industry usage these handy connectors feature both crimp and IDC style interconnects with many header options.



Flat Flexible Cable (FFC)

Crimp style flex connection for FFC, FEC and FPC cable. Our reliable designs offer many housing options and leading application tooling.



AMP-LATCH Connectors

Proven ribbon cable solution for connecting boards or subsystems to each other.



Universal MATE-N-LOK Wire Connectors

The connector features positive latching to prevent unmating.

SIGNAL AND SHIELDING

Antenna performance, reliability, and durability are essential for smooth building operations.



Embedded Antennas

A range of products supporting low profile wireless connectivity for 4G and 5 GHz Wi-Fi applications.



Spring Fingers

Tiny, scalable, surface mountable contacts allow designers to fit grounding solutions almost anywhere.



Board Level Shielding (BLS)

EMI shields that minimize crosstalk in tightly designed multi-signal systems.



Corcom Three Phase EMI Power Filters

A 3-Phase filter reduces unwanted (EMI) noise within the conducted area of electromagnetic susceptibility.

EASY INSTALL

Smart buildings need smart connections that are easy to install and maintain.



CoolSplice

Help eliminate the need to pre-strip the insulation from the wire conductors and provide a visually controlled termination.



Releasable Poke-in-Wire

Features an integral conductor release mechanism recessed below the top side of the connector.



LED Holders

Solderless holders give fixture designers an easier way to integrate LEDs.

BOARD-TO-BOARD

TE's free height surface-mount connectors address today's industry requirements for high density packaging.



Free Height

These versatile connectors are useful for downsizing applications that require parallel stacked circuit boards.



M.2 NGFF Connectors

Save more than 20% of PCB real estate compared to the PCI Express mini card.

INPUT/OUTPUT (I/O)

Transmit audio and video data quickly and securely throughout your building.



A/V Connectivity

Deliver high quality video and other communications with reliable I/O jacks.



Modular Jack

Our broad range of modular I/O jacks and plugs offer reliable and space-saving options.

POWER

From internal to external power interconnects, TE keeps your power flowing.



NECTOR Power Distribution

Provides the industry with increased design flexibility that seamlessly integrates into new and existing designs.



Mobile Battery Connectors

Balance current carrying capabilities, ensure higher amps, and support fast charging times with a range of solutions.

SENSORS

State-of-the-art measurement solutions for increased control.



Humidity Sensors

Maintain optimal and efficient environments for people and equipment.



Position Sensors

Energy-efficient miniature rotary and linear position encoding.



INDUSTRIAL CONTROL SYSTEMS

RELIABLE, QUICK-TO-INSTALL AND INDUSTRY-PROVEN COMPONENTS

As industry requirements are evolving to more flexible, reconfigurable production machinery and factory systems, we provide the important connectivity solutions to get you there. We offer interconnects for signal, data and power appropriate for use in a broad range of operating environments, from commercial to light and heavy industrial applications.

DISCOVER MORE
te.com





INDUSTRIAL CONTROL SYSTEMS

POWER

From internal and semi-internal to external power interconnects, we keep power flowing

CROWN CLIP Bus Bar Connectors

Offers a low insertion/extraction force for high-current mating directly to a power bus bar



Pluggable Bus Bar Connectors

Available in board-to-busbar, wire-to-busbar and board-to-busbar configurations. Provides a separable connection easy assembly, inspection and troubleshooting.



RAPID LOCK Bus Bar Connectors

No install tools required for this fast, reliable replacement for power lugs



ELCON Mini Connectors

Low profile solutions with up to 40A per contact and positive latch retention for cable-to-PCB applications



ELCON Drawer Connectors

High power hot-pluggable, blind-mate power connectors with power, signal and logic contacts in numerous sizes up to 200A per contact



MULTI-BEAM XLE Connectors

This hot-pluggable series is a space saver with slim guide sockets and vented housing for better heat dissipation



AMP-LATCH Connectors

Proven ribbon cable solution for connecting boards or subsystems to each other



Mini CT Connectors

1.5mm centerline connectors feature both crimp and IDC style interconnects with many header options



Common Termination (CT) Connectors

2mm centerline connectors feature both crimp and IDC style interconnects with many header options



High Performance Interconnects (HPI)

Industry standard square-peg technology in single- and dual row post headers available in various pitches and colors



Flat Flexible Cable (FFC) Connectors

Crimp style flex connection for FFC, FEC and FPC cable. Our reliable designs offer many housing options and leading application tooling.



BOARD-TO-BOARD

Excellent signal integrity mitigates negative effects of electrical noise

Free Height Connectors

These versatile connectors are useful for downsizing applications that require parallel stacked circuit boards



MICTOR Connectors

Our broad range of modular I/O jacks and plugs offer reliable and space-saving solutions



STRADA Mesa Connectors

Mezzanine connectors with a pin and socket signal contact design and integrated power contacts



High Speed Backplane Connectors*

Portfolio provides flexibility to address increasing bandwidth demands and higher performance



INPUT/OUTPUT (I/O)

Product satisfaction depends on reliable I/O connectivity

AMPLIMITE D-Sub Connectors

A complete range of quality, time-tested D-subminiature connectors that have become the standard in the industry



RJ45 Connectors

Our broad range of modular I/O jacks and plugs offer reliable and space-saving solutions



SFP/SFP+ Connectors

SFP+ interconnects support data rates of 10 Gbps signal speeds and are backward compatible with SFP.



USB Type-C Connectors

Universal and user-friendly, USB Type-C features a reversible mating interface. Can transfer data up to 10 Gbps, power up to 100W and A/V in a single slim connection



WIRE-TO-BOARD

We offer a broad array of products for your wire-to-board requirements

SOCKETS

Reliable connections to ICs and memory modules

DIP Sockets

Provide a reliable connection between integrated circuits (ICs) with contact counts ranging from 6 to 48



DIMM Sockets

Dual in-line memory module sockets designed to JEDEC industry standards. Enable reliable connection to standard memory modules



CABLE & CABLE ASSEMBLIES

Supporting the latest standards for 10-25 Gbps and beyond. Custom solutions available.

Pluggable I/O Cable Assemblies

Supporting the latest high speed standards, these products are engineered for 10-25 Gbps and beyond



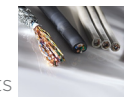
ELCON Mini Cable Assemblies

These power cable assemblies come in standard or high-flex designs for easier routability



Bulk Cable

Specialty cables custom-engineered for precision signal integrity and harsh environments



*High speed backplane connectors include: Z-PACK 2mm HM, Z-PACK HM-Zd, Z-PACK TinMan, Impact, Z-PACK Slim UHD, STRADA Whisper.



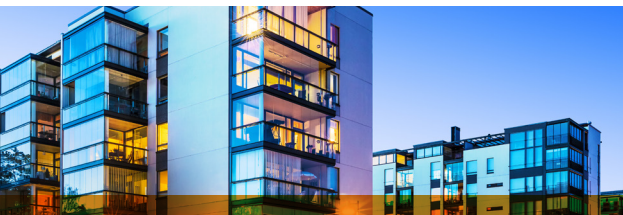
LIGHTING EQUIPMENT

BRING YOUR BRIGHTEST IDEAS TO LIFE

Our wire-to-board, input/output, antenna and shielding solutions are easily integrated into whole-home or -building lighting systems. Our easy to terminate connectors provide power or signal transmission for indoor lighting fixtures while our antenna solutions are enabling the connected, smart lighting systems of the future.

DISCOVER MORE
te.com





LIGHTING EQUIPMENT

WIRE-TO-BOARD

We offer a broad array of products for your wire-to-board requirements

Common Termination (CT) Connectors

2mm centerline connectors feature both crimp and IDC style interconnects with many header options



Mini CT Connectors

1.5mm centerline connectors feature both crimp and IDC style interconnects with many header options



High Performance Interconnects (HPI)

Industry standard square-peg technology in single- and dual row post headers available in various pitches and colors



AMP-LATCH Connectors

Quick, reliable wire-to-board connections without stripping or prepping wires



Flexible Printed Circuit (FPC) Connectors

Space saving solutions for signal routing. Available in 0.25 to 1.25mm centerlines in both ZIF and non ZIF styles.



ANTENNAS & SHIELDING

Antenna performance, reliability, and durability are essential

Embedded Antennas

A range of products supporting low profile wireless connectivity for 4G and 5 GHz Wi-Fi applications



Spring Fingers

Tiny, scalable, surface mountable contacts allow designers to fit grounding solutions in most places



Board Level Shielding (BLS)

EMI shields that minimize crosstalk in tightly designed multi-signal systems



INPUT/OUTPUT (I/O)

Product satisfaction depends on reliable I/O connectivity

AMPLIMITE D-Sub Connectors

A complete range of quality, time-tested D-subminiature connectors that have become the standard in the industry



RJ45 Connectors

Our broad range of modular I/O jacks and plugs offer reliable and space-saving solutions

