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.
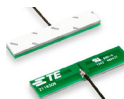
ANTENNAS

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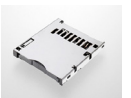
Mini Spring Sockets
A series of individual sockets provide low contact resistance with a low profile design for tighter board stacking and increased PCB clearance

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

TE
connectivity

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

WIRE-TO-BOARD

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

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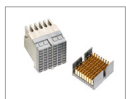
MICTOR Connectors
Our broad range of modular I/O jacks and plugs offer reliable and space-saving solutions

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

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

TE connectivity

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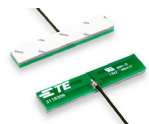Space saving solutions for signal routing. Available in 0.25 to 1.25mm centerlines in both ZIF and non ZIF styles.

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

TE
connectivity