



## 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.

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# 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.

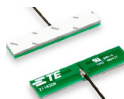


## ANTENNAS

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





## 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.

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# LIGHTING EQUIPMENT

## WIRE-TO-BOARD

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

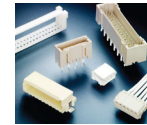
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### High Performance Interconnects (HPI)

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### 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



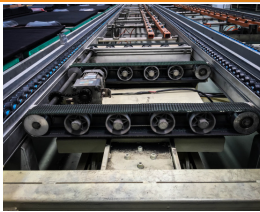
### RJ45 Connectors

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





## INDUSTRIAL MOTION AND DRIVES



### YOUR PARTNER IN AUTOMATION

TE Connectivity (TE) is your motion and drives solution provider for all of your electromechanical and electronic component needs. TE's product solutions support professional decentralization within your production facility making it easier to simplify or retrofit your machine architecture, save power and reduce applied cost while increasing system reliability and productivity.

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# INDUSTRIAL MOTION AND DRIVES

## 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



### Z-PACK Slim UHD Connectors

Designed to be among the densest connectors with the smallest possible footprint to free up valuable PCB space



### DIP Sockets

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



## SOCKETS

Reliable connections to ICs and memory modules

### DIMM Sockets 5G

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



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### SFP/SFP+ Connectors 5G

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



### USB Type-C Connectors 5G

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



## CABLE & CABLE ASSEMBLIES

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

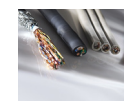
### Pluggable I/O Cable Assemblies 5G

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



### Bulk Cable

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



### ELCON Mini Cable Assemblies 5G

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



These solutions are helping to unlock the potential of 5G. Our portfolio of 5G solutions and capabilities address key challenges faced by design engineers around the world.\*

\* 5G ready solutions may vary within a product family. Please refer to te.com or contact your TE sales representative for additional information.





## MATERIAL HANDLING



### RELIABLE, QUICK TO INSTALL, INDUSTRY-PROVEN PRODUCTS

TE Connectivity (TE) offers material handling solutions for all of your electromechanical and electronic component needs. Whether designing a prototype or retrofitting an existing system, TE's reliable, quick to install, and industry-proven innovative product solutions save on system maintenance costs and downtime.

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