



## WEARABLES

### WEARABLES THAT WORK

The engineering of wearable devices presents challenges in miniaturization and multifunctionality, rugged design, and sensor integration. This is where we come in. Our components are already part of well-known wristbands, watches, and smartwear. With our wide range of products we can work with you to fit the most performance into

ever-smaller and more beautifully designed devices. Our miniaturized components offer high-speed computing that runs on low power through the harshest environments and across industries. TE technology offers reliable multifunctionality in applications for healthcare, fitness, navigation, and more.

FIND OUT MORE  
[te.com/wearables](https://te.com/wearables)



## INTERNAL INTERCONNECTS

Reliable interconnects designed for today's miniaturized market.



### Flexible Printed Circuit (FPC)

Space-saving, angled insertion connectors that can be placed in a wide range of PCB locations.



### Compressive Board-to-Board (BTB)

Low-cost power and signal solutions in a small form factor.



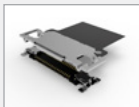
### Fine Pitch Board-to-Board (BTB)

0.4 mm pitch for today's smaller, thinner applications.



### Micro SLP Connectors

Low profile design with drop- and shock-resistant mating.



### Board-to-Flex Connectors

Full shielding provides EMI protection for high-speed Data Transmission.

## INPUT/OUTPUT (I/O)

Cable assemblies and connections designed for use in small and flexible devices.



### USB Cables

Standard cables and customized solutions for a range of interface combinations.



### IP68 & Micro USB

IP68 rated micro USB ports for resilient devices.



### Splash-proof Micro USB

Low profile design with drop- and shock-resistant mating.



### Audio Visual (AV) Jack

A range of reliable circular I/O connectors available in SMD or compressive mounting styles.

## ANTENNAS

Standard and custom high-performance antennas for operation on most networks in regional or international markets.



### Embedded Antennas

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



### Custom Antennas

TE can help integrate wireless connectivity into other device assemblies to help save valuable space in slim devices.

## RADIO FREQUENCY (RF) CONNECTORS

Effective, low-cost switching connectors enable hands-free operation of mobile devices.



### Switching Coax

High force contacts increase connection reliability in a range of low-profile products.

## SHIELDING AND GROUNDING

Limit interference with customizable shields and contacts for complex devices.



### Board Level Shielding (BLS)

EMI shields that minimize crosstalk in tightly designed systems.



### Spring Fingers

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

## MEMORY CARD CONNECTORS

A range of card connector sizes and broad design freedom allows designers to find the best product for their specific need.



### SIM and SD Card Connectors

Large array of options including block, tray, and combo connectors.

## POWER

Low profile interconnects offer design flexibility with a number of positioning options.



### Battery Connectors

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

## SENSORS

Compact, reliable sensors can help bring your wearable concepts to life.



### Pressure Sensors

Includes a portfolio of media isolated and non-media isolated pressure sensor solutions.



### Piezo Film Sensors

Detect breathing, pulse and movement for sleep and fitness devices.