



VIRTUAL REALITY (VR) & AUGMENTED REALITY (AR)

MAKE YOUR VIRTUAL DESIGNS A COMMERCIAL REALITY

Emerging VR and AR technologies are driving ever increasing demand for innovations in ultra high-speed streaming multimedia, flexible connectivity, and signal integrity. With key solutions in some of the category's leading products, TE Connectivity has a broad range of technology to help address the challenges facing the next generation of VR

and high-speed gaming products. Look to TE for customized input/output, shielding, and miniaturized signal and power connector solutions. In addition, we can provide a number of proven board-to-board, wire-to-board, and sensor solutions to help make your product the must-have immersive experience in the market.

FIND OUT MORE
te.com/vr



INPUT/OUTPUT (I/O) & CABLE ASSEMBLIES

The I/O connectors and cables can make or break a product experience. Use reliable TE solutions for these junctures.



High Speed Cable Assemblies
Designed for 4K TV and VR experiences, our latest consumer I/O solutions deliver the speed and quality your customers demand.



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



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



RJ45 Connectors
Our broad range of modular I/O jacks and plugs offer reliable and space-saving options.



Audio Visual (AV) Jack
Reliable circular I/O connectors available in SMD or compressive mounting styles.

POWER & GROUNDING

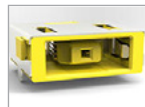
TE's miniaturized solutions help reduce and control the effect of EMI in complex systems.



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



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



DC Jack Connectors
Our new rectangular DC jack connectors offer 10A current capabilities in a faster charging, USB-size format.

WIRE-TO-BOARD & FLEX CONNECTORS

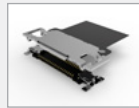
TE offers an extremely broad array of products for your wire-to-board requirements.



Flexible Printed Circuit (FPC)
Space saving solutions for signal routing. Available in 0.25 to 1.25mm centerlines in both ZIF and non ZIF styles.



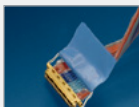
Flat Flexible Cable (FFC)
Crimp style flex connection for FFC, FEC and FPC cable. Our reliable designs with many housing options and tooling.



Board-to-Flex Connectors
Shielded EMI protection for high-speed data Transmission.



Mini CT Connectors
With broad industry usage, these handy connectors come in both crimp and IDC style.



Custom Wire-to-Board
TE is a technology leader that can help you design custom wire-to-board cable assembly connectors.

ANTENNAS & SIGNAL INTEGRITY

Antenna performance and overall signal integrity is essential for an optimal multimedia experience.



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



Custom Antennas
TE provides custom solutions addressing the increased complexity and miniaturization.



Board Level Shielding (BLS)
EMI shields minimize crosstalk in tightly designed systems.



Coax Connectors
A range of miniature & sub-miniature connectors ideally suited for video & HDTV.



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

SENSORS

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



Position Encoders
For precise automatic alignment of lens and other internal VR headset assemblies.



Humidity Sensors
Measure relative humidity for emotion level for truly immersive VR experiences.

BOARD-TO-BOARD (BTB)

TE's super-slim and reliable fine pitch connectors can meet your requirements for high density packaging.



Fine Pitch BTB
0.4 mm pitch for today's smaller, thinner applications and helping you to reduce overall size and weight of your headset.

Visit TE.com/vr for more products and solutions for virtual and augmented reality designs.

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