



Solutions for User Interface Control and Display In Personal Healthcare

At TE Connectivity (TE), our cost-effective connectivity solutions are helping to optimize personal healthcare applications.

Our broad portfolio of connectors, sensors, relays, and tubing allow you to optimize user interface systems within personal healthcare devices. With proven quality, reliability and 5G ready solutions, our products will help meet your innovative design requirements. Whether you are designing a display or control system for a treadmill, sleep apnea device, blood pressure monitor, or other application, TE's solutions help simplify your process and improve your design for the next generation of connected personal healthcare devices.



CONNECTORS



AMPMODU MTE Connectors

- Assembly designs offer latching and polarization
- Coupling shrouds permit ganging for single or double row latching connectors
- Available in three platings
- 22-30 AWG



Battery Connectors

- Efficient: Helps improve the button battery assembly process
- Allow for easily installation and changing of batteries in your device
- Compact: 6.7mm x 10.6mm



CST II Connectors

- Centerline: 2.54mm
- Current Rating: 4A
- Voltage Rating: 250 VAC
- Flammability: UL 94 V-0
- Wire Size: 26-22 AWG
- Position Size: 2-28



CT Connectors

- Design flexibility for wire-to-wire and wire-to-board connections
- Two termination methods: IDC, crimp
- Kinked leg options for self-retention on boards
- IDC AWG 24-28



Circular A/V and DC Jack

- Widespread market acceptance
- Low costs and easy application
- Easy handling for end customer and commonly-accepted connection



Economy Power 2.5 Connectors

- Achieve easy mating and unmating with positive audible latch
- Prevent post misalignment with polarization tabs



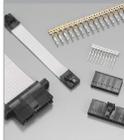
Economy Power Connectors

- Positive audible latch designed for easier mating and unmating
- Polarization tabs help prevent post misalignment
- Broad portfolio includes 3.96mm, 5.08mm, 7.92mm centerline families



Fine Pitch Stacking Connectors

- Improved cost effectiveness by reducing number of components needed and the size of the tooling platform
- Design flexibility allows position extensions
- Ni-barrier to eliminate solder wicking issues
- Super narrow body with sufficient pick and place area



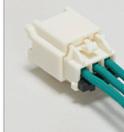
FFC Connectors

- Space savings over other wire-to-board connectors
- High-speed sequential application of multiple crimp contacts
- Field testable
- In-line manufacturing testable



FPC Connectors

- Enable space savings over other wire-to-board connectors
- Improved assembly efficiency
- Greater durability and tactile feel
- Design flexibility



GRACE INERTIA 2.5 Connectors

- Design assures proper insertion, preventing header pin deformation
- Inertia locking mechanism helps prevent unintended disconnection
- Lanceless contacts prevent snagging or entanglement



HPI Connectors

- Provides design flexibility
- Cost effective wire-to-board
- Ensures proper compatibility of both the header and the housing
- Prevents stubbing contacts



LCEDI Coaxial Connectors

- Ultra-low profile mating configuration
- Compatible and interchangeable with I-PEX CABLINE-VS connector series
- Twin leaf contact structure
- Mixed cable use: micro coax (twin coax AWG#40 or smaller) and discrete wire (AWG #32 or smaller)



Micro MATE-N-LOK Connectors

- Low profile design
- Dual beam receptacle contact design
- PCB mount pin header assemblies



Micro USB Connectors

- Reliably provides a stable connection even after thousands of insertions
- Cost savings achieved by integration of power and data transportation
- Large customizable portfolio provides high design flexibility



Mini CT Connectors

- Provide design flexibility for wire-to-wire and wire-to-board connections in space limited applications
- 1.5mm centerline
- 2 kinds of termination method: IDC, crimp
- Circuits range from 2-20 single row, 22-40 dual row; AWG 24-28



MTA-100/156 Connectors

- 2-28 positions, shrouded headers 2-14
- Terminates 28-22 AWG discrete wire or notched ribbon cable
- 250V, 5A rating



Spring Finger Connectors

- Prevents EMI noise and static
- Provides a highly reliable connection
- Provides an easy and inexpensive method for connecting multiple PCBs
- Allows for versatility in PCB layout
- Provides flexible, quick-turn design-ins



USB Type-C Connectors 5G

- Distinctive design on the back of the receptacle shell for industry leading EMI performance
- Enhanced board retention features for added durability
- IPX8 waterproof and IPX4 splash proof options available



Signal Double Lock Connectors

- Centerline: 2.5mm
- Current Rating: 3A
- Voltage Rating: 50 Volts AC/DC
- Flammability: GWT and UL 94 V-0

EMI SHIELDING



Board Level Shielding 5G

- New standard portfolio on-demand in CRS and aluminum material
- Proven designed-in features
- Core competencies of stamping, plating and automation for more than 50 years
- Rapid turn tooling/prototyping within each region (3-5 day)

ANTENNAS



Antenna Products 5G

- High performance and innovative products
- standard and custom design options to support reliable wireless transmission
- In-house testing and validation
- State-of-the art antenna laboratories and personnel, deployed globally

RELAYS



OJ/OJE/T77 Series Relays

- 1 form A (NO) contacts in various models support a range of loads, with contact ratings from 3 to 10 amps, plus TV-5
- Both sensitive (200mW) and standard (450mW) coil options accommodate various drive circuits



T9A Series Relays

- Save PCB space with the smallest relay in its class while maintaining standard footprint
- Achieve a global relay solution with both UL, QCC and VDE certifications
- Help provide operator safety through increased insulation (UL 61810-1)

SWITCHES



Tactile Switches

- Achieve any design with choice of actuator lengths and styles
- Support mass fabrication with several mounting options

TERMINALS & SPLICES



FASTON Terminals

- Insulated and uninsulated, straight and flag configurations
- Stress relieved and non-stress relieved receptacles and various plating options



Splices

- Broad range of crimp, insulation displacement connection (IDC), or other types of splice technology
- Allows splicing of solid or stranded wire —copper, aluminum or a combination of both



Ultra-Fast Terminals

- Designed for full mating with a variety of tab styles including those with shoulders
- Terminate 26-10 AWG solid, fused and stranded wire (flags terminate stranded wire only)

TUBING



SWFR Heat Shrink Tubing

- Highly flame-retardant with UL VW-1 and CSA OFT flammability rating
- Environmentally friendly formula is essentially free of halogens, permitting use in enclosed areas where emission of toxic gasses from burning materials containing halogens is undesirable

te.com

AMPMODU, FASTON, GRACE INERTIA, Ultra-Fast, TE, TE Connectivity and TE Connectivity (logo) are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2019 TE Connectivity Ltd. family of companies All Rights Reserved.

1-1773978-6 05/19 Original