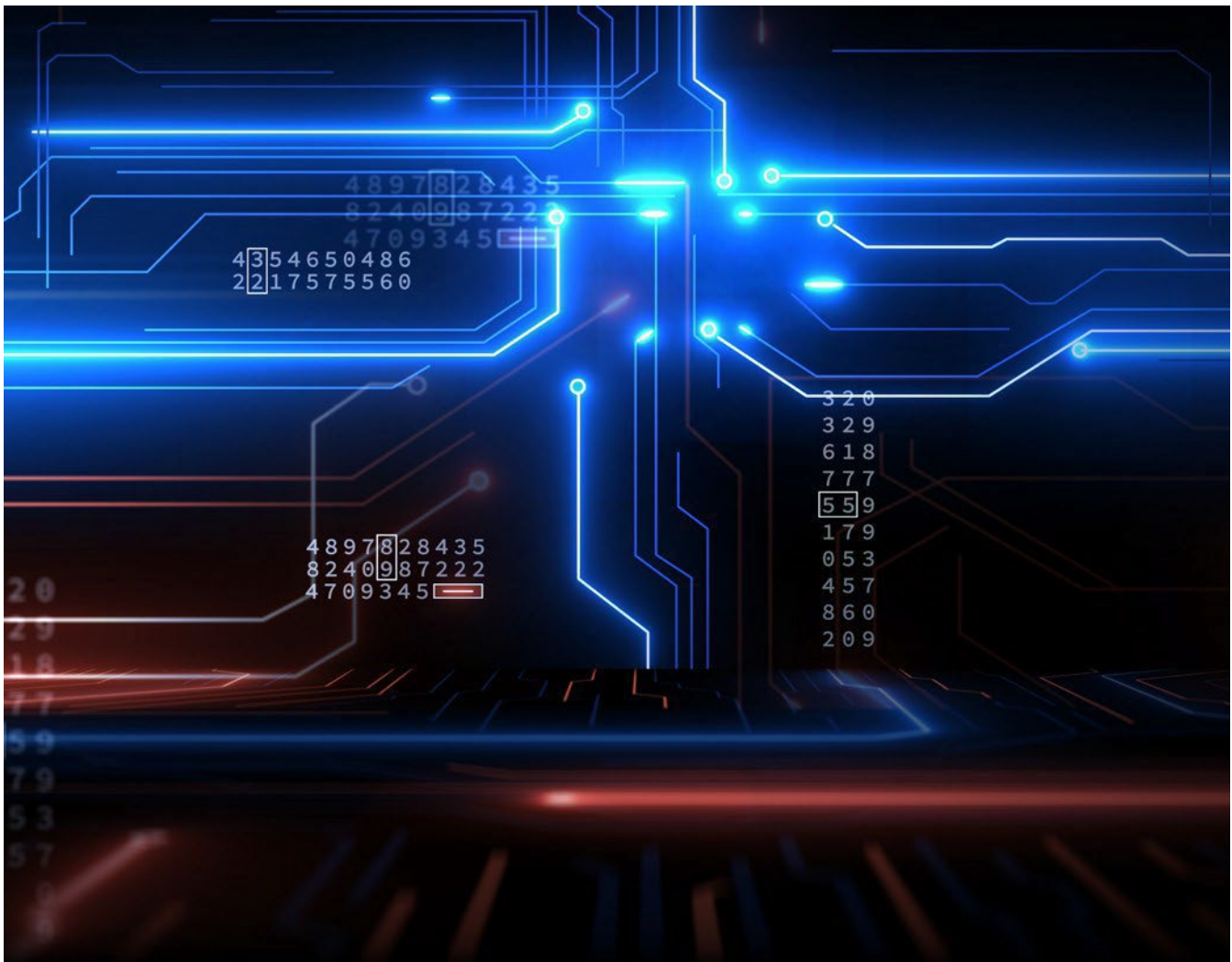


NEW PRODUCT APPLICATION GUIDE 2026



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5G & WIRELESS EQUIPMENT

TE's broad product portfolio helps address future requirements of wireless networks with a range of next-generation connector and cable assembly product offerings.



A. AUTOMOTIVE GRADE SMD POWER INDUCTOR - TYPE 3656 SERIES

SMD (Surface Mount Devices) power inductors which are AEC- Q200 qualified. They are small, ultra-thin inductors with high saturation current. The 3656 series inductors are suitable for surface mounting and are available in nine package sizes.



B. WIRE WOUND SMD INDUCTORS - TYPE 3657 SERIES

Wirewound SMD Power Inductors its engineered for high saturation current and low DC resistance, delivering high conversion efficiency and reduced temperature rise.



AEROSPACE



TE Connectivity's solutions help solve the aviation industry's space, weight, reliability and efficiency challenges.



A. RAYFLITE HIGH VOLTAGE POWER CABLES

RayFlite High Voltage Power Cables.



B. SIZE 12 SMPM HIGH-SPEED, SMALL FORM FACTOR CONTACTS

Size 12 SMPM High-Speed, Small Form Factor Contacts.



C. T5+ TERMINATOR

A reliable solution for low to high-volume wire processing, introducing advanced enhancements like the Split cycle feature, air feed capabilities, and a wider wire range, catering to both legacy and new air feed applicators.



D. T5 TERMINATOR

Offers broad flexibility with compatibility across TE and other mini-style applicators. Its user-friendly interface handles reeled terminals easily, while its small footprint maximizes workspace efficiency and lowers manufacturing costs.



E. ULTRA LOW-PROFILE FLIP-TOP FPC CONNECTORS

The FPC connectors have been developed with an ultra-thin, ultra-lightweight design to address the challenges of an expanding market that demands smaller centerlines, lower profiles, and lighter interconnect solutions.



F. N-TYPE RF CONNECTORS

Provide excellent performance at frequencies up to 12.4 Ghz.



APPLIANCES

TE designs solutions to meet the daily demands of home appliances. We can help you enhance the reliability of your connections, improve the efficiency of both your assembly operations and your appliances, and much more.



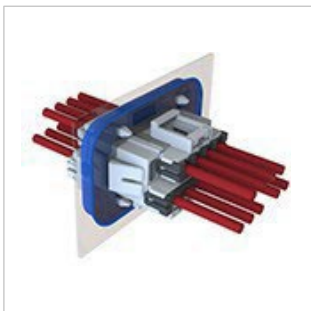
A. T9A RELAY HOUSINGS WITH LIF STANDARD FASTON TERMINALS

T9A Relay Housings With Standard Faston Terminals.



B. FLIP-N-LOK WIRE-TO-BOARD SIGNAL CONNECTOR

High-density wire-to-board solution designed to optimize PCB space and enhance overall assembly efficiency and ergonomics, through its lever design.



C. POWER DOUBLE LOCK MULTI-LOAD CONNECTOR WITH FOAMING PROTECTION

Power Double Lock Multi-load Connector With Foaming Protection.



D. 1.5 DUAL ROW SIGNAL CONNECTORS

Signal GRACE INERTIA connectors designed for reliable surface mount technology (SMT) assembly of miniaturized PCB designs.



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G. MULTI-POINT IDC TERMINAL

Multi-point IDC (Insulation Displacement Contact) terminals provide reliable wire-to-board connections in miniaturized applications like sensor units, amplifier units, retrofit LED lamps, medical equipment, mobile devices and smart metering equipment.



H. ALCOSWITCH SEALED TACTILE SWITCHES

ALCOSWITCH Sealed Tactile Switches are a comprehensive line of high-quality electromechanical components designed to deliver reliable tactile feedback and environmental protection in a wide range of applications.



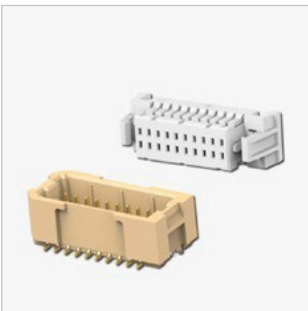
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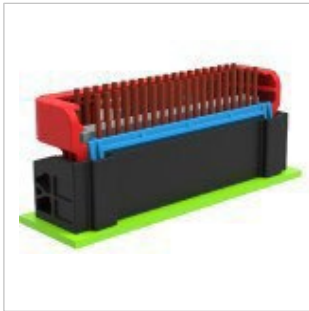
K. 1.00MM SMALL FORM FACTOR LOCKING HPI CONNECTORS

Can be used where signal or low power needs to be routed through a device. The external locking feature ensures secure mating retention and helps to improve the reliability of the interconnect system by helping to prevent accidental unmating.



AUTOMATION & CONTROL

Controls for next-generation industrial automation. From human-machine interfaces to distributed factory controls, we can help you increase productivity and safety on the floor and throughout production.



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SRS2 is a force guided relay (IEC/ EN61810-3 type A) for safety applications with limited space. The just 210 mW coil power consumption helps allow a dense arrangement in hot environments.



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**G. FUSIBLE
WIREWOUND FIXED
RESISTORS - TYPE
FWFU SERIES**

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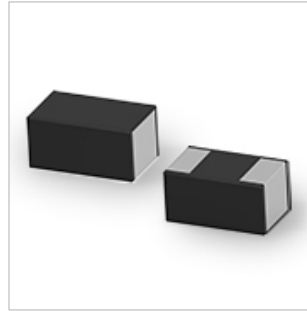
H. MINIATURE RELAY PT01

The Miniature Relay PT01 is a general-purpose panel plug-in relay designed for efficient circuit control.



**I. VENTILATION
CABLE
GLAND**

TE Connectivity (TE)'s ventilation cable gland is a specialized component that provides a secure, sealed cable entry into enclosures while allowing controlled airflow and pressure equalization between the inside and outside of the enclosure.



**J. WIRE WOUND SMD
INDUCTORS -
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AUTOMOTIVE

TE Connectivity (TE) is the leading provider for innovative end-to-end automotive connector portfolio of solution for body and chassis systems, convenience applications, driver information, infotainment solutions, miniaturization solutions, motor and powertrain applications, and safety and security systems.



A. **GEMNET MULTI-GIGABIT AUTOMOTIVE DIFFERENTIAL CONNECTORS**

Designed for Multi-Gigabit Ethernet and SerDes applications, supporting up to 56 Gbps.



B. **MATENET MODULAR AND SCALABLE MINIATURIZED ETHERNET CONNECTOR**

Modular, automotive-grade miniaturized Ethernet connector system. Supports UTP & STP cables. Delivers robust data transmission from 1 Gbps (100/1000 BASE-T1) up to 4 Gbps.



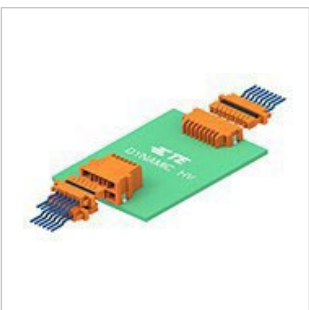
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E. **DYNAMIC HV SERIES CONNECTOR SYSTEM**

TE Connectivity (TE)'s high voltage Dynamic HV series sensing connector is designed for BDU (Battery Distribution Unit) and BMS (Battery Management System) application in both power battery and ESS (Energy Storage System) market.



F. **BIOFUSE TUBING SPLICE SEALING BISS**

Bio alternative to ES2000 and RBK-ILS, delivering identical level of functionalities and performance with the benefit of reducing environmental impact.



G. **BIOFUSE TUBING BICAP**

Next-generation end splice sealing cap product: BIOFUSE Tubing BICAP provides a robust environmental seal between the end splice configuration and prevent electrical damage to the application from Automotive fluids and moisture with the benefit of reducing environmental impact.



H. **VOLINSU TUBING ELECTRIC VEHICLE BUSBAR EVBB**

Engineered to address the rigorous demands of electric vehicle applications, helping to provide superior high-voltage protection and performance.



I. **MICRO SIM CARD CONNECTOR - HINGE TYPE**

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L. **E-MOTOR TEMPERATURE SENSOR**

Designed to monitor the temperature of the electric motor system. Uses a high-precision Pt element or NTC thermistor sealed in fluoroplastic to monitor motor and industrial system temperatures.



M. **M.T5+ TERMINATOR**

A reliable solution for low to high-volume wire processing, introducing advanced enhancements like the Split cycle feature, air feed capabilities, and a wider wire range, catering to both legacy and new air feed applicators.

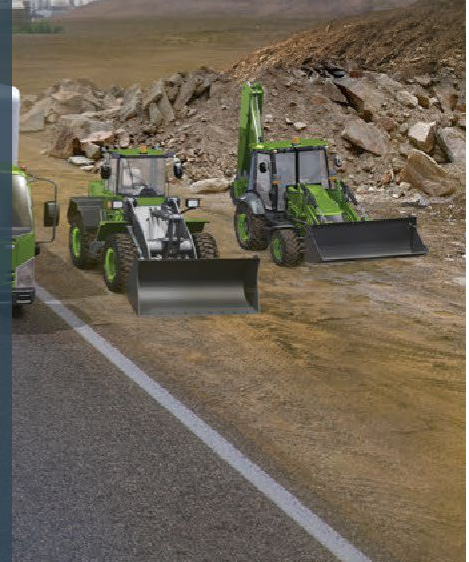


N. **SUPERSEAL 1.0 CONNECTORS WITH FLANGE, LEVER & BACKSHELLS**

These wire-to-board connectors meet the need for dependable, high-density PCB applications in harsh environments.



COMMERCIAL & INDUSTRIAL VEHICLES



TE delivers reliable connectivity products designed to withstand harsh environmental conditions for on and off-highway vehicles and recreational transportation.



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Designed to monitor the temperature of the electric motor system. Uses a high-precision Pt element or NTC thermistor sealed in fluoroplastic to monitor motor and industrial system temperatures.



E-MOBILITY

Our products cover the complete spectrum of EV energy transfer, providing safe, reliable, durable, and efficient electrical systems connectivity that meets the increased power ratings and higher thermal and vibration requirements.



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Fusible Wire Wound Fixed (FWFU) Resistor is a special type of resistor that also act as a safety fuse. They allow current to flow normally but break the circuit when the current exceeds a safe level, protecting electronic devices from damage.



C. VENTILATION CABLE GLAND

TE Connectivity (TE)'s ventilation cable gland is a specialized component that provides a secure, sealed cable entry into enclosures while allowing controlled airflow and pressure equalization between the inside and outside of the enclosure.



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TE Connectivity (TE)'s high voltage Dynamic HV series sensing connector is designed for BDU (Battery Distribution Unit) and BMS (Battery Management System) application in both power battery and ESS (Energy Storage System) market.



E. LOW OHMIC CURRENT SENSE SMD SHUNT RESISTORS

Featuring heavy copper connectors that are electron beam welded to a manganin or AC alloy sensing element, this resistor delivers exceptional long-term stability and low inductance.



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I. VOLINSU TUBING ELECTRIC VEHICLE FIXTURE EVFX

Designed as a more robust alternative to electrical tape for securing corrugated tubes over high voltage cables.



CONNECTED HOME

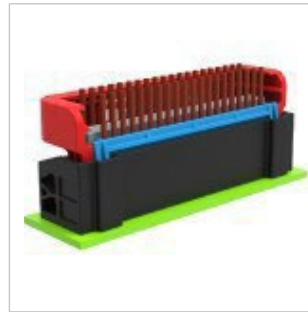


With a broad range of connectivity and sensor solutions for smart home appliances and devices, lighting, HVAC, security, and more, TE is the ideal partner to help you bring your products to market fast.



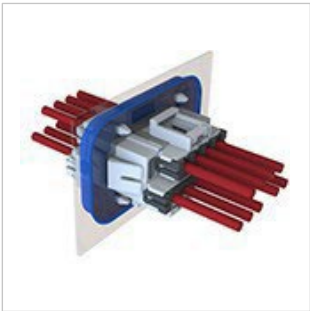
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**G.AMP MINI CT LOW
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INVERTED
THROUGH BOARD
CONNECTORS
FOR LIGHTING
APPLICATIONS**

Provide a small form factor solution to bring power into a conventional or aluminum-clad printed circuit board from the underside of the board.



DATA CENTERS & ARTIFICIAL INTELLIGENCE

Our solutions for data center infrastructure enable exceptional data storage and data processing services delivered through data centers built upon an agile, secure and reliable infrastructure, operating at the highest levels of efficiency and availability.



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B. LGA7529 SOCKET AND HARDWARE

With 7529 pins, the socket delivers increased performance and data bandwidth to support top processor next-generation multi-core architectures and high-throughput workloads, enabling the latest server architectures for data centers and artificial intelligence (AI).



DEFENSE & MILITARY



Our portfolio of sub-assemblies features the latest in materials science and product design standards.



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C. N-TYPE RF CONNECTOR

Provides excellent performance at frequencies up to 12.4 GHz.



ENERGY SOLUTIONS

From generation to transmission to distribution to wherever energy is needed, we're with you every step of the way with our portfolio.



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INDUSTRIAL MACHINER

TE's Industrial Machinery solutions provide the basis for flexible production — ensuring you are ready to meet the needs of the future head on.



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TE Connectivity (TE)'s range of plastic junction boxes, pre-equipped with terminal blocks and cable glands, offers a dependable and adaptable solution for managing electrical connections and branching in industrial settings.



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Designed to monitor the temperature of the electric motor system. Uses a high-precision Pt element or NTC thermistor sealed in fluoroplastic to monitor motor and industrial system temperatures.



INTELLIGEN BUILDINGS

Solving your connectivity challenges in linking power and data throughout the building — from environmental and illumination controls, to safety, people flow, convenience, and service equipment.



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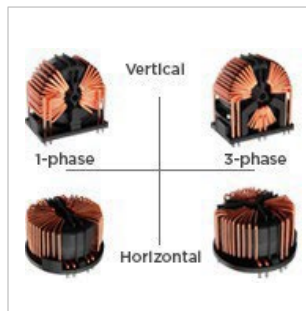
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D. COMMON-MODE CHOKES FOR EV CHARGING AND HEAT PUMPS

TE's new 2- and 3- line common-mode chokes deliver compact, cost-effective EMI suppression for EV charging stations and heat pumps, enabling power modules up to 60 kW on the PCB.



INTERNET OF THINGS (IoT) CONNECTIVITY

TE Connectivity's power and signal connector solutions are designed to help address your design challenges head-on to deliver the power you need for always-on connectivity.



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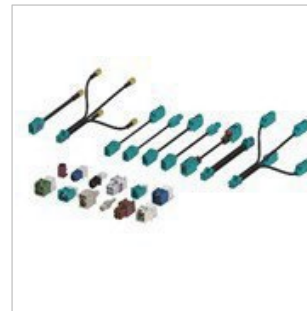
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E. 5G LTE BAND 28 HELICAL ANTENNA SERIES

These are rugged, low-cost and easy to install. The antennas target 698 to 803 MHz for cellular IoT (LTE-M, NB-IoT) applications/ traditional LTE Band 28/17/44, UMTS and GSM.



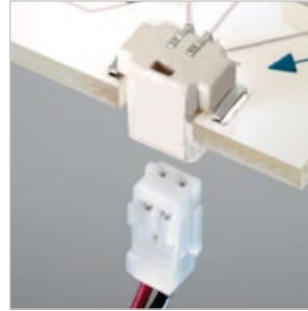
F. HDMI MICRO AND MINI CONNECTORS

HDMI connectors are engineered to combine into a single digital interface the inputs from audio and video applications. Offers 72% reduced area vs standard HDMI.



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H. AMP MINI CT LOW PROFILE INVERTED THROUGH BOARD CONNECTORS FOR LIGHTING APPLICATION S

Provide a small form factor solution to bring power into a conventional or aluminum-clad printed circuit board from the underside of the board.



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Can be used where signal or low power needs to be routed through a device. The external locking feature ensures secure mating retention and helps to improve the reliability of the interconnect system by helping to prevent accidental unmating.



J. USB TYPE-C CONNECTOR S EXTENSION

USB Type-C connectors adhere to industry standards, delivering a sleek, slim form factor for handheld devices while maintaining robust durability for industrial applications.



K. SUB-6GHZ 5G FPC ANTENNAS

Designed to operate on licensed and unlicensed 5G frequencies. 617-5000 MHz for US regions and 698-4200 MHz for global.



L. HERMETICALLY SEALED PANEL MOUNT RF ADAPTERS

Rugged connectors for harsh environments.



M. LOW LOSS MHF4L-TYPE CABLE ASSEMBLIES

Compact, low profile connectors designed for high frequency applications.



N. WI-FI CHIP ANTENNA FAMILY

Versatile option for wireless communication.



**O. FPL PRO 800 MHZ
MULTI-PORT
VEHICLE
ANTENNAS**

Offer a compact and high-performance antenna for vehicular applications. Designed as an all-in-one antenna option for 800 MHz gateways and radios, FPL pro 800 MHz antennas offer combinations of 760-870 MHz, Wi-Fi 6E/7 and GNSS from a single antenna.



**P. PROSIG HIGH GAIN
WI-FI 6E
/ WI-FI 7 DIRECTIONAL
PANEL ANTENNAS**

These antennas specially designed for Wi-Fi 6E & 7 wireless network systems. Supplied with integrated RG58LL plenum-rated cables with RP-SMA connectors and mounting bracket for



P. FP40 AUTO 4X4 MIMO INTELLIGENT TRANSPORTATION ANTENNAS

FP40 auto is a family of 4x4 MIMO, next generation, multi-port antennas with 2x wideband and 2x high band 5G MIMO capability. Designed for intelligent transportation, public safety, freight and utility applications.



Q. DIRECT-TO-DEVICE (D2D)READY ANTENNAS

The D2D antenna family offers a wide range of ground-based IoT antennas for Terrestrial Network (TN) and Non-Terrestrial Network (NTN) dual-mode communications.



R. MINI WIDEBAND CELLULAR WHIP ANTENNA SERIES

These are rugged, low-cost and easy to install. They have a low-profile radome and wideband 617-500 MHz coverage which makes them ideal for discrete mounting and multiple applications.



MEDICA TECHNOLOGIES

We provide top-tier engineering expertise and manufacturing excellence in the development of optimally engineered components and value-added sub-assemblies to support the production of life-saving medical devices used in interventional cardiology, surgery, imaging, in vitro diagnostics, and other medical specialties.



A. AUTOMOTIVE GRADE SMD POWER INDUCTOR - TYPE 3656 SERIES

SMD (Surface Mount Devices) power inductors which are AEC- Q200 qualified. They are small, ultra-thin inductors with high saturation current. The 3656 series inductors are suitable for surface mounting and are available in nine package sizes.



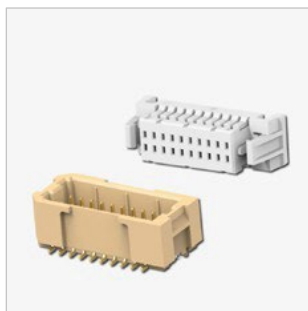
B. ULTRA LOW- PROFILE FLIP-TOP FPC CONNECTORS

The FPC connectors have been developed with an ultra-thin, ultra-lightweight design to address the challenges of an expanding market that demands smaller centerlines, lower profiles, and lighter interconnect solutions.



C. MICRO SIM CARD CONNECTOR- HINGE TYPE

Optimized SIM card connectors for the evolving demand of mobility and IoT. Our extensive product line covers Mini SIM (2FF), Micro SIM (3FF), and Nano SIM (4FF) connectors with various form factors and features tailored to meet specific design requirements.



D. 1.00MM SMALL FORM FACTOR LOCKING HPI CONNECTORS

Can be used where signal or low power needs to be routed through a device. The external locking feature ensures secure mating retention and helps to improve the reliability of the interconnect system by helping to prevent accidental unmating.



E. MULTI-POINT IDC TERMINAL

TE Connectivity (TE)'s multi-point IDC (Insulation Displacement Contact) terminals provide reliable wire-to-board connections in miniaturized applications like sensor units, amplifier units, retrofit LED lamps, medical equipment, mobile devices and smart metering equipment.



F. ALCOSWITCH SEALED TACTILE SWITCHES

ALCOSWITCH Sealed Tactile Switches are a comprehensive line of high-quality electromechanical components designed to deliver reliable tactile feedback and environmental protection in a wide range of applications.



OIL & GAS / MARINE



TE's electronic systems and components have withstood weather, corrosion and extreme temperatures to help keep commercial vessels, offshore platforms and military marine applications productive, safe, and dependable in tough operating environments.



A. SIZE 12 SMPM HIGH-SPEED, SMALL FORM FACTOR CONTACTS

Size 12 SMPM High-Speed, Small Form Factor Contacts.



B. T5 TERMINATOR

Offers broad flexibility with compatibility across TE and other mini-style applicators. Its user-friendly interface handles reeled terminals easily, while its small footprint maximizes workspace efficiency and lowers manufacturing costs.



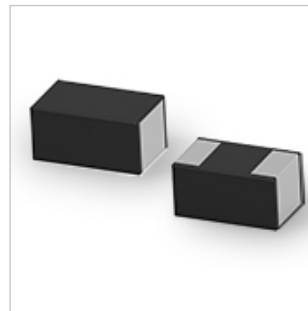
PERSONAL ELECTRONICS & WEARABLE TECHNOLOGY

We design and manufacture a broad range of innovative connectivity solutions for personal communications, wearable tech, and mobile and computing devices to help you address today's market challenges.



A. AUTOMOTIVE GRADE SMD POWER INDUCTOR - TYPE 3656 SERIES

SMD (Surface Mount Devices) power inductors which are AEC- Q200 qualified. They are small, ultra-thin inductors with high saturation current. The 3656 series inductors are suitable for surface mounting and are available in nine package sizes.



B. WIRE WOUND SMD INDUCTORS - TYPE 3657 SERIES

Wirewound SMD Power Inductors its engineered for high saturation current and low DC resistance, delivering high conversion efficiency and reduced temperature rise.



C. ULTRA LOW- PROFILE FLIP-TOP FPC CONNECTORS

The FPC connectors have been developed with an ultra-thin, ultra-lightweight design to address the challenges of an expanding market that demands smaller centerlines, lower profiles, and lighter interconnect solutions.

About TE Connectivity

TE Connectivity plc (NYSE: TEL) is a global industrial technology leader creating a safer, sustainable, productive, and connected future. As a trusted innovation partner, our broad range of connectivity and sensor solutions enable the distribution of power, signal and data to advance next-generation transportation, energy networks, automated factories, data centers enabling artificial intelligence, and more.

Our more than 90,000 employees, including 10,000 engineers, work alongside customers in approximately 130 countries. In a world that is racing ahead, TE ensures that EVERY CONNECTION COUNTS. Learn more at www.te.com and on [LinkedIn](#), [Facebook](#), [WeChat](#) and [Instagram](#).

Connect With Us

We make it easy to connect with our experts and are ready to provide all the support you need. Visit te.com/support to chat with a Product Information Specialist.

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