



Application Focused Growth (AFG) Learning Resources

QUICK REFERENCE GUIDE



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AFG Overview What is an AFG?

Background

As the connectivity industry expands and more devices and applications get connected, TE has taken an application-focused approach to target a select group of high value industry applications which have high potential of driving market growth. These key applications are called **Application Focus Growth (AFG)** internally at TE Connectivity.

The market drivers for these applications vary by application, however, common themes include high demand for application-based products due to increases in industry and/or consumer adoption and proliferation of use cases.

Benefits of AFG Approach

By taking the application-focused approach, TE can provide the following value to Customers:

- Deep application, industry, and integration expertise
- Extraordinary Customer experience
- Broad portfolio and industry leadership
- Digitally enabled engineering solutions



AFG Overview

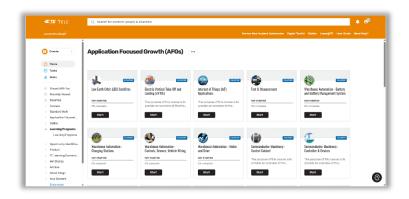
AFG Learning Resources

Background

To enable AFGs, TE has developed robust training and sales collateral supporting cross-BU solutions.

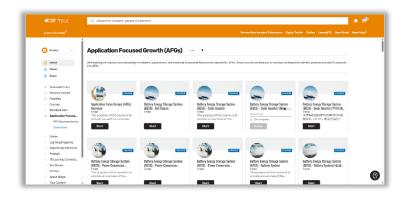
TELC AFG Learning Program

Application Focused Growth (AFGs) Learning Program



TELC AFG Training Courses

Application Focused Growth (AFG)s Training Courses



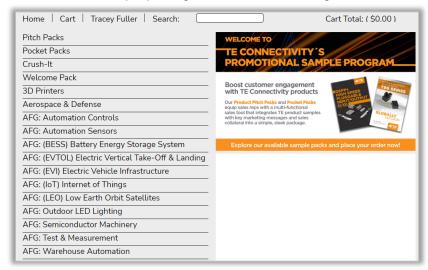


AFG Overview

AFG Learning Resources

Promotional Sample Kits

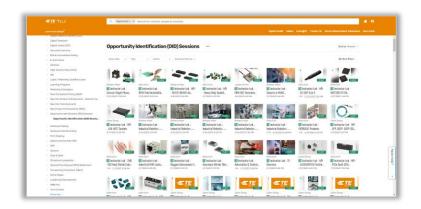
<u>Promotional Sample Kits Website</u> - Product Samples with key marketing messages and sales collateral in one, simple package — suitable for training, sales visits, events, etc.



Opportunity Identification (OID) Sessions

Opportunity Identification (OID) Sessions – Targeted conversations to identify specific Customer opportunities within a market, typically facilitated by DMMs or BU SEs. Schedule OID sessions aligned with AFGs at target branches.

Opportunity Identification (OID) Session Training Events





AFG Overview AFG One-Pagers

Background
One-Pagers offer a comprehensive overview of the AFG, detailed descriptions of focus applications, and essential product information all in one place.



AFG One-Pagers
Automation Controls One-Pager EN CN JP
Automation Sensors One-Pager EN
Battery Energy Storage Solutions (BESS) One-Pager EN JP
Battery Management System (BMS) One-Pager EN
Electric Vehicle Infrastructure (EVI) One-Pager EN
Electric Vehicle Take-off and Landing Aircraft (eVTOL) One-Pager EN
Home Efficiency One-Pager EN
HVAC Solutions One-Pager EN CN
Industrial Robotics One-Pager EN CN JP
Internet of Things (IoT) One-Pager EN CN JP
Low Earth Orbit (LEO) Satellites AFG One-Pager EN CN
Motion and Drives One-Pager EN CN
Oil and Gas Monitoring One-Pager EN
Outdoor LED Lighting One-Pager EN CN
Professional Service Robots One-Pager EN CN JP
Semiconductor Machinery One-Pager EN
Smart Agriculture One-Pager EN
Smart Health One-Pager EN CN JP
Smart Home One-Pager EN CN
Smart Transportation One-Pager EN
Test & Measurement One-Pager EN CN
Warehouse Automation One-Pager EN



Automation Controls

As industrial production becomes increasingly automated, the need to effectively integrate and operate numerous devices and systems on the shop floor is growing exponentially. Today's factories require high-speed, smart connectivity products to ensure interoperability and seamlessly manage power and data requirements. As this trend continues, the demand for electromechanical system solutions that integrate power, signal, and data will grow with it.



TE Learning Connection Training Courses
Automation Controls - Programmable Logic Controllers (PLC) EN CN JP
Automation Controls - Industrial PCs (IPC) EN CN JP
Automation Controls - Distributed Control Systems (DCS) EN CN JP
Automation Controls - Input / Output Modules EN CN JP
Automation Controls - Human Machine Interface (HMI) EN CN JP
Automation Controls - CNC Controllers EN CN JP
Digital Teardown – Wireless On-Off Module EN

Marketing Resources	
Automation Controls Landing Page	Automation Controls Overview One-Pager
IND Automation Controls AFG One-Pager	Automation Controls Video
Automation Controls Solution Guide	Challenges and Trends in Designing Automation Control Systems

Product Resources	
AMPMODU AMPMODU 2MM	Industrial USB Connectors
Board-to-Board Connectors: Backplane	M12 Ethernet D-Coded / X-Coded
Card Edge	M12 X-Code Connectors
<u>Champ .050</u>	M8/M12 Connectors
Commodity Thick Film Components	MINIPAK MINIPAK Champ .050
Cordset	MSR/RYII Series, Relays up to 10A
D-Subminiature Connectors	Multi-Lane Interconnect SAS / Mini-SAS
<u>Dynamic Series Connectors</u>	PCI Express (PCIe)
ERNI: SMC MicroCon MicroSpeed MicroStac MiniBridge	Power Thick Film / Wire-Wound Components
Eurostyle Terminal Blocks	Relays: RT/RZ Series
Force Guided Safety Relays	Resistors: Precision Thin Film
Identification: Wrap Around Labels Printable Tubing Standard Labels	RJ45 Connectors
IM Series, Signal Relays	SPE Header
Industrial Mini I/O Connector	Stacking
Industrial RJ45 Ethernet Connectors	Switches



Automation Sensors

Technological advances in digitalization and machine learning/artificial intelligence have increased the sensor count per machine. The optimization of production capacity and minimum down time increases the need for predictive maintenance and therefore the use of sensors. New developments in technologies like 3D vision, RADAR, LIDAR, etc. are extending the use case for sensors. TE assists with highly engineered connectivity solutions that support virtually uninterrupted operations for power, signal and data, and integrated solutions that help simplify complex manufacturing processes.



TE Learning Connection Training Courses

Automation Sensors - PCB Interconnect

Automation Sensors - Communication & I/O Connectivity

<u>Automation Sensors - Computing & Switching Devices</u>

Marketing Resources	
IND Automation Sensors AFG One-Pager	Industrial Automation Sensors Trends, Challenges, and
Ethernet Sensors Unlock Significant Advances in	Optimization Strategies - Whitepaper The Power of Collaboration to Miniaturize Position,
Automation - Trend Paper	Safety, and Vision Sensors - Case Study
Sensors for Industrial Automation: Make Your	
Operation More Intelligent - Infographic	

Product Resources	
<u>AMPLIMITE</u>	PCB Terminal Blocks
AMPMODU	Rectangular Backshells & Clamps
AXICOM IM Signal Relays	RITS
Connector Housings	RJ45 Connectors
Dual In-line Package (DIP) Switch	SBP Self Laminating Vinyl Labels
ERNI: SMC MicroCon MicroStac MiniBridge	SCHRACK: PE RE RT
Force Guided Relays	Sealed and Unsealed Rotary Switches
Holsworthy Precision Resistors	Slide Switches
Industrial M12 X-code Field Installable	SPE: <u>Header</u> <u>Cordset</u>
Industrial Mini I/O Connector	Standard Labels
INTERCONTEC Connectors	Tactile Switches with Dome Switches
M12 Connectors: D-coded X-coded	Wire Identification: Printable Heat Shrink Tubing
M12 Connectors: Cable Assemblies Ethernet Connectors Connector System	Wire Label Printers
Micro-MaTch	



Battery Energy Storage Systems (BESS)

As municipalities seek to reduce carbon emissions and mitigate fluctuations and disturbances in the power grid, they are increasingly turning to growing infrastructure that generates and stores renewable energy. TE's Battery Energy Storage System (BESS) solutions improve power allocation flexibility in power generation, power transmission, and power consumption, helping to meet this increased demand for alternative energy sources.



TE Learning Connection Training Courses	
Battery Energy Storage System (BESS) - Solar Inverter EN CN JP	
Battery Energy Storage System (BESS) - Battery System EN CN JP	
Battery Energy Storage System (BESS) - Power Conversion System (PCS) EN CN JP	

Marketing Resources	
Battery Energy Storage Systems (BESS) Landing Page	Battery Energy Storage System (BESS) Product Portfolio Guide
IND Battery Energy Storage Solutions (BESS) AFG One Pager	Battery Energy Storage System (BESS) Video

Product Resources	
Anti-Vandal Switches	HPC Connectors
Axicom IM Series Relays	HVP 1100 Series
Axicom P2 Series Relays	M8/M12
Contactors: <u>ECK150</u> <u>ECK200</u> <u>ECK250</u> <u>IHV100</u> <u>IHV200</u> <u>IHV350</u>	Micro-MaTch Connectors
Corcom 3 Phase Filters: AYA Series BCF Series KE Series	NGC Connector Series
Corcom DC EMI Filters: DB Series DC Series	OEG PCFN Power Relay
Corcom EMI Filters: EMC Series FC Series E Series K Series	OJS Power Relay
CPC Series 1 Sealed One-Piece Connectors	Potter & Brumfield T9S Power Relay
DBL Power Distribution Blocks	Power Resistors: CJH Series HS Series
Dynamic Series: Mini Series D1000 D3000	SCHRACK PT Series Miniature Relay
Emergency Stop Switches	SCHRACK PT Series Relay Socket
ENTRELEC Terminal Blocks: Plug-In & Spring Screw-Clamp	SMD / THT Resistors
ERNI: MaxiBridge Series PowerElements	VolTron 1000 Connectors
HDC Connectors	



Electric Vehicle Infrastructure (EVI)

Charging your car at home or at work requires standard Alternative Current (AC) home charging units and workplace charging units that are cost-effective and can be installed with great flexibility. Direct Current (DC) charging stations support a fast charging rate in as little as 30 minutes. Designed with deep expertise and advanced technology, TE's robust portfolio of EV charging products answers the challenges engineers face and fits the diverse needs of AC and DC charging stations on a global basis, no matter their power level or charging speed requirements.



TE Learning Connection Training Courses
Electric Vehicle Infrastructure (EVI) EN CN JP
E-Mobility Heat Shrink and EMI Shielding Solutions
E-Mobility Battery Systems
E-Mobility HIVONEX Connectors and Charging Solutions
<u>Digital Teardown – EV Charger</u>
KISSLING Portfolio Solutions

Marketing Resources	
EV Charging - Landing Page	EV Charging Video
Electric Vehicle Infrastructure (EVI) One-Pager	EV Charging Quick Reference Guide
Engineering the Future of EV Charging Infrastructure	EV Charging Solutions Virtual Sample Kit
EV Charging Infographic	EV Charging Virtual Sample Kits Download
EV Charging Presentation	

Product Resources	
AMPMODU Connectors:	Entrelec:
1 mm Small Centerline 2 mm MTE	DBL Power Distribution Blocks Terminal Blocks
Anti-Vandal Switches	Passives, Switches and Filters Solutions
Board Signal Interconnects Solutions	PIDG Terminals & Splices
Contactors: <u>ECK150</u> <u>ECK200</u> <u>ECK250</u> <u>IHV100</u> <u>IHV200</u> <u>IHV350</u>	Potter & Brumfield Power Relay: T92 T9V
Corcom EMI Filters	Power Latching Relays
Dynamic Series: <u>Mini Series</u> <u>D1000</u> <u>D3000</u> <u>D5000</u>	Relays & Contactors Solutions
Dynamic Wire-to-Board Connectors Solutions	Resistors: HS Series SQ Series
Electrical Solutions	RT1 Series Power PCB Relays
Emergency Stop Switches	SOLISTRAND Terminals & Splices
Micro-MaTch Connectors	



Electric Vertical Take-Off and Landing Aircraft (eVTOL)

Yesterday's dreams of electric-powered air taxis and flying cars/personal air vehicles (PAVs) are turning into real Urban Air Mobility (UAM) projects. Hundreds of commercial-drone and electric-vertical-takeoff- and-landing aircraft (eVTOL) programs are driving advances in electric-propulsion motors, power distribution, positioning systems, telenetworking, and cockpit/mission systems. These opportunities are inspiring designers to explore components that can optimize size, weight, and power (SWaP) for line replaceable units (LRUs) in UAM innovations.



TE Learning Connection Training Courses

Electric Vertical Take-Off and Landing Aircraft (EVTOL) EN | CN

SMB Urban Air Mobility

Marketing Resources	
Urban Air Mobility and eVTOL Landing Page	The Future of Air Transportation Podcast #1 -Martin Cullen
Electric Vehicle Take-off and Landing Aircraft (eVTOL) One-Pager	The Future of Air Transportation Podcast #2 -Marcus Priest
EVTOL Avionics Diagram	The Future of Air Transportation Podcast #3 -Bruce Conway
EVTOL Infotainment and Cabin Diagram	The Future of Air Transportation Podcast #4 -Taylor Fitzpatrick
EVTOL Power and Power Distribution Diagram	The Future of Air Transportation Podcast #5 -Mark Benton
EVTOL Structures Diagram	<u>Urban Air Mobility – The Future of Air Transportation</u>
Powering the Future of Flight Whitepaper	<u>Urban Air Mobility Awareness Video</u>
Solutions for Urban and Advanced Air Mobility	<u>Urban Air Mobility Sell Sheet</u>

Product Resources	
AMP CT Connectors	RF Coax Connector
Eurocard Connectors	SIM Card Connectors
FPC Interconnect	SMA/SSMA Connectors
Micro Coax Connector	Spring Finger
Mini CT Connector	Standard Antenna
Mobile Battery Connectors	USB Type-C
Modular Jack	Wire-to-Board Housings
PC Battery Connectors	



Home Efficiency

Experience a home where efficiency and convenience work as one. All-electric smart homes take you one step closer to a renewable energy future. Homeowners are electrifying their homes and replacing gas appliances and systems that use fossil fuel with all-electric technologies. Electrification is not only better for the environment, but many upgrades will run more efficiently and offer added cost savings. TE has reliable solutions Engineers need for E-Mobility Chargers, Heat Pumps, Solar Inverters, and Home Backup Power Solutions that inspire the future of Home Efficiency.



TE Learning Connection Training Courses

Home Efficiency Solutions

Marketing Resources	
Home Efficiency Landing Page: EN CN JP	Heat Pump Solutions Landing Page
Home Efficiency AFG One-Pager	Heat Pump Product Solution Guide EN CN JP
Home Energy Storage: Next Generation Opportunities in Smart Homes Trend Paper EN CN JP	Heat Pump Infographic EN CN JP
The Path to Net-Zero: Achieving Home Efficiency Webinar	Heat Pump Quality Component Solutions: Designing the Future of Home Comfort Video
Energy Management for a Sustainable Future Video	Heat Pump Design Challenges & Component Solutions: Empower the Future of Heat Pump Technology Video
E-Mobility Charging Landing Page	Solar Inverter & Home Backup Power Landing Page
E-Mobility Product Solution Guide EN CN JP	Solar Inverter & BESS Product Solution Guide EN CN JP
Revolutionizing E-Mobility Home Chargers - Level 1 and 2 Component Solutions Video	



Home Efficiency

Product Resources	
EV – Charger Level 1	
2.0mm Signal GRACE INERTIA Connectors	MTA & SL 156
Conductive Elastomers EMI Shielding	PIDG terminals and splices
Economy Power 2.5 Connectors	Power Busbar
EVSW - Single Wall Heat Shrink Tubing	RAPID LOCK
<u>FPC</u>	Ring Terminals & Spade Lugs
ICCON Portfolio	Signal Double Lock Connectors
Micro MATE-N-LOK Connectors	VAL-U-LOK Connectors
EV – Charger Level 2	
2.0mm Signal GRACE INERTIA Connectors	Micro-MaTch
Conductive Elastomers EMI Shielding	MTA & SL 156 Connectors
Dynamic Mini Series	Power Busbar
Economy Power 2.5 Connectors	Power Relays T9V
EVSW - Single Wall Heat Shrink Tubing	PIDG Terminals and splices
EVX Series DC	RAPID LOCK Power
FASTON Terminals	Ring terminals & Spade Lugs
ICCON Portfolio	Signal Double Lock Connectors
Micro MATE-N-LOK Connectors	VAL-U-LOK Connectors
Heating and Cooling	
2.0mm Signal GRACE INERTIA Connectors	Grace Inertia Connectors
2.5mm Signal Double Lock Connectors	MAG-MATE Terminals
AMPLIVAR Terminals	
Cluster Block Terminals & Housings	Positive Lock Terminals
Economy Power Connectors	POWER TRIPLE LOCK Connectors
Economy Power 2.5 Connectors	Ring terminals & Spade Lugs
FASTON Terminals	Ultra-Fast FASTON Terminals
Water Heater	
2.5mm Signal Double Lock Connectors	Positive Lock Terminals
AMPLIVAR Terminals	Power Double Lock Connectors
Cluster Block Terminals & Housings	Power Relay
Economy Power Connectors	RAST 2.5: Duoplug MKII Connectors
Economy Power 2.5 Connectors	RAST 2.5: Duoplug Power Connectors
FASTON Terminals	Rast 5 Connectors
GRACE INERTIA Connectors	<u>RW-175</u>
Hermetic Cluster Blocks	Universal MATE-N-LOK Connectors
Micro MATE-N-LOK Connectors	VAL-U-LOK PLUS Connectors



Home Efficiency

Product Resources Cont.	
Clothing Dryer	
AMPLIVAR Terminals	Mini AMP-IN Board-in Terminals
Economy Power Connectors	Mini Universal MATE-N-LOK Connectors
Economy Power 2.5 Connectors	Positive Lock Terminals
FASTON Terminals	Power Double Lock Connectors
Grace Inertia Connectors	RAST 2.5: Duoplug Power Connectors
Hermetic Cluster Blocks	Rast 5 Connectors
HPI Wire-to-Board Connectors	Ring terminals & Spade Lugs
Solar Inverter	
2.0mm Signal GRACE INERTIA Connectors	FASTON Terminals
2.5mm Signal Double Lock Connectors	FFC/FPC and Ribbon Connectors
Economy Power 2.5 Connectors	Micro MATE-N-LOK Connectors
ENTRELEC DBL Power Distribution Blocks	PIDG Terminals and Splices
ENTRELEC Terminal Blocks	T9S Power Relay
ERNI SMC Connectors	VAL-U-LOK Connectors
Battery Energy System Storage (BESS)	
2.0mm Signal GRACE INERTIA Connectors	FASTON Terminals
Dynamic 3200 Series	Mini-Universal MATE-N-LOK Connectors
Economy Power 2.5 Connectors	PIDG terminals and splices
ECP Contactor	Ring terminals & Spade Lugs
ENTRELEC Terminal Blocks	<u>Universal MATE-N-LOK Connectors</u>
EVSW - Electric Vehicle Orange Single Wall Heat Shrink Tubing	



HVAC Solutions

HVAC systems endure extreme conditions, from sweltering heat to freezing cold, both internally and externally. With the residential heating, ventilation, and air conditioning (HVAC) market on the rise, engineers are tasked with integrating energy-efficient, sustainable, and reliable technologies, shaping the future of home heating and cooling. There's a pressing need for HVAC component solutions that not only meet these demands but also pave the way for enhanced performance and longevity in home heating and cooling systems.



TE Learning Connection Training Courses	
HVAC Solutions EN CN	
Digital Teardown – Water Heater	
Sensors in HVAC Applications EN CN	

Marketing Resources	
HVAC Component Solutions Landing Page	Sealed Connectors: Enhancing Reliability in HVAC Component Solutions
HVAC Solutions One-Pager	Revolutionizing HVAC Systems: The Impact of High- Efficiency Motor Drivers
Optimizing Comfort: The Ultimate HVAC Component Guide	HVAC Component Sample Kit
HVAC Infographic	HVAC Motor sample guide for magnet wire
Solderless Magnet Wire Solutions for Heat Pump Compressors – Case Study	Tech Chat Video - Navigating Engineering Hurdles: Sealed Connectors In Harsh Environments
Heat Pump Innovations: Sustainable Component Solutions for Enhanced Safety	



HVAC Solutions

2.0mm Signal GRACE INERTIA Connectors 410-470 MHz External Antennas Mass Termination Assembly Crimp Tooling 410-470 MHz Internal Antennas Media Isolated/Pressure Transducers 868 MHz External Antennas Micro MATE-N-LOK Connectors 868 MHz External Antennas Micro MATE-N-LOK Connectors 868 MHz Internal Antennas Micro MATE-N-LOK Connectors 868 MHz Internal Antennas Micro MATE-N-LOK Connectors 869 MHz External Antennas Micro MATE-N-LOK Connectors 869 MHz Internal Antennas Micro MATE-N-LOK Connectors 869 MHz Internal Antennas Micro MATE-N-LOK Connectors 902-930 MHz External Antennas Micro MATE-N-LOK Connectors 902-930 MHz External Antennas 902-930 MHz External Anten	Product Resources	
410-470 MHz Internal Antennas Media Isolated/Pressure Transducers 868 MHz External Antennas Micro MATE-N-LOK Connectors 868 MHz Internal Antennas Monoplug 2.5 902-930 MHz External Antennas Monoplug Power 902-930 MHz Internal Antennas Monoplug Power Monoplug Mark II QJS Relay AMP DUOPLUG Mark II QJS Relay AMP DUOPLUG Power AMP DUOPLUG Power AMP Standard Timer Connector System AMP Standard Timer Connector System Positive Lock AMP Multifitting Positive Lock RAST 5 AMP-Latch Ribbon Cable Potter & Brumfield T92 Relay AMPLIVAR Terminals & Spilces Potter & Brumfield T94 Relay ATUM Power Double Lock Connectors Axicom IM Signal Relays Power Double Lock Connectors Axicom P2 Signal Relays Power Versa-Lock Connectors Benchtop Wire Crimping Machines Buchana PCB Terminal Blocks SCHRACK Miniature Power PCB Relay PB BUCHANAN PCB Terminal Blocks SCHRACK Power PCB Relay RT CERTI-CRIMP Premium Hand Tools SCHRACK Power PCB Relay RZ Custom Antennas SDE Crimp Commercial Tools Economy Power 2.5 Connectors SIAMEZE Terminals Economy Power Connectors SIAMEZE Terminals SWFR X2 Single Wall Heat Shrink FFC/FPC and Ribbon Connectors TETRA-CRIMP Hand Tool Ultra-Fast Heat Shrink Machines and Equipment Ultra-Pod Hermetic Cluster Blocks Universal MATE-N-LOK Connectors Inverted AMPLIVAR Splice Terminators and Applicators	2.0mm Signal GRACE INERTIA Connectors	Magnet Wire Equipment
Micro MATE-N-LOK Connectors	410-470 MHz External Antennas	Mass Termination Assembly Crimp Tooling
868 MHz Internal Antennas Monoplug 2.5 902-930 MHz External Antennas Monoplug Power 902-930 MHz Internal Antennas MTA 156 AMP DUOPLUG Mark II OJS Relay AMP DUOPLUG Power Open Barrel Ring Tongue AMP MONO-SHAPE ORWH AMP Standard Timer Connector System Positive Lock AMP Multifitting Positive Lock RAST 5 AMP-Latch Ribbon Cable Potter & Brumfield T92 Relay AMPLIVAR Product Terminator (APT) Potter & Brumfield T94 Relay AMPLIVAR Terminals & Splices Potter & Brumfield T96 Relay ATUM Power Double Lock Connectors Axicom IM Signal Relays Power Double Lock Connectors Axicom P2 Signal Relays Power Versa-Lock Connectors Benchtop Wire Crimping Machines RW-175 Boardmount Pressure SCHRACK Miniature Power PCB Relay PB BUCHANAN PCB Terminal Blocks SCHRACK Power PCB Relay RZ Custom Antennas SCHRACK Power PCB Relay RZ Custom Antennas SCHRACK Power PCB Relay RZ Custom Antennas SDL Crimp Commercial Tools Economy Power II Connectors Signal Double Lock Connectors Economy Power Gonnectors Signal Double Lock Connectors Economy Power Gonnectors SULSTRAND FASTON Terminals SWFR X2 Single Wall Heat Shrink FFC/FPC and Ribbon Connectors TETRA-CRIMP Hand Tool GRACE INERTIA 2.5mm Connectors Universal MATE-N-LOK Connectors Universal MATE-N-LOK Connectors Inverted AMPLIVAR Splice Terminators and Applicators Inverted AMPLIVAR Splice Terminators and Applicators	410-470 MHz Internal Antennas	Media Isolated/Pressure Transducers
902-930 MHz External Antennas Monoplug Power 902-930 MHz Internal Antennas MTA 156 AMP DUOPLUG Mark II OJS Relay AMP DUOPLUG Power Open Barrel Ring Tongue AMP MONO-SHAPE ORWH AMP Multifitting Positive Lock RAST 5 AMP-Latch Ribbon Cable Potter & Brumfield T92 Relay AMPLIVAR Product Terminator (APT) Potter & Brumfield T92 Relay AMPLIVAR Terminals & Splices Potter & Brumfield T96 Relay ATUM Power Double Lock Connectors Axicom IM Signal Relays Power Double Lock Connectors Axicom P2 Signal Relays Power Versa-Lock Connectors Benchtop Wire Crimping Machines SCHRACK Miniature Power PCB Relay PB BUCHANAN PCB Terminal Blocks SCHRACK Power PCB Relay RZ Custom Antennas SDE Crimp Commercial Tools Economy Power 2.5 Connectors Signal Double Lock Connectors Economy Power II Connectors Signal Double Lock Connectors Economy Power II Connectors Signal Double Lock Connectors ECFT-CPC and Ribbon Connectors SWFR X2 Single Wall Heat Shrink FFC/FPC and Ribbon Connectors TETRA-CRIMP Hand Tool GRACE INERTIA 2.5mm Connectors TETRA-CRIMP Hand Tool GRACE INERTIA 2.5mm Connectors TETRA-CRIMP Hand Tool GRACE INERTIA 6.5 Ultra-Fast Heat Shrink Machines and Equipment Ultra-Pod Hermetic Cluster Blocks Universal MATE-N-LOK Connectors Inverted AMPLIVAR Splice Terminators and Applicators Inverted AMPLIVAR Splice Terminators and Applicators	868 MHz External Antennas	Micro MATE-N-LOK Connectors
902-930 MHz Internal Antennas MTA 156 AMP DUOPLUG Mark II AMP DUOPLUG Power Open Barrel Ring Tongue AMP MONO-SHAPE AMP Multifitting Positive Lock AMP Multifitting Positive Lock RAST 5 AMP-Latch Ribbon Cable AMPLIVAR Product Terminator (APT) AXILIAM Power Double Lock Connectors AXILIAM Power Double Lock Connectors AXILIAM Power Double Lock Connectors AXICOM IM Signal Relays Power Double Lock Connectors AXICOM P2 Signal Relays Power Versa-Lock Connectors Benchtop Wire Crimping Machines BOATMOUNT Pressure SCHRACK Miniature Power PCB Relay PB BUCHANAN PCB Terminal Blocks SCHRACK Mower PCB Relay RT CERTI-CRIMP Premium Hand Tools SCHRACK Power PCB Relay RZ Custom Antennas SDE Crimp Commercial Tools Economy Power Il Connectors SIAMEZE Terminals Economy Power Connectors SUFRACK Single Wall Heat Shrink FFC/PC and Ribbon Connectors TETRA-CRIMP Hand Tool GRACE INERTIA 6.5 Ultra-Fast Universal MATE-N-LOK Connectors Inverted AMPLIVAR Splice Terminators and Applicators VAL-U-LOK Connectors Inverted AMPLIVAR Splice Terminators and Applicators	868 MHz Internal Antennas	Monoplug 2.5
AMP DUOPLUG Mark II AMP DUOPLUG Power Open Barrel Ring Tongue ORWH AMP MONO-SHAPE ORWH AMP Standard Timer Connector System Positive Lock AMP Multifitting Positive Lock AMP Multifitting Positive Lock RAST 5 AMP-Latch Ribbon Cable Potter & Brumfield T92 Relay AMPLIVAR Product Terminator (APT) AMPLIVAR Terminals & Splices Potter & Brumfield T98 Relay AMPLIVAR Terminals & Splices Power Double Lock Connectors Axicom IM Signal Relays Power Double Lock Connectors Axicom IM Signal Relays Power Versa-Lock Connectors Axicom P2 Signal Relays Power Versa-Lock Connectors Benchtop Wire Crimping Machines BUCHANAN PCB Terminal Blocks SCHRACK Miniature Power PCB Relay PB BUCHANAN PCB Terminal Blocks SCHRACK Power PCB Relay RT CERTI-CRIMP Premium Hand Tools SCHRACK Power PCB Relay RZ Custom Antennas SDE Crimp Commercial Tools Economy Power 2.5 Connectors SIAMEZE Terminals Economy Power II Connectors Signal Double Lock Connectors Economy Power Connectors SOLISTRAND FASTON Terminals SWFR X2 Single Wall Heat Shrink FFC/FPC and Ribbon Connectors SWFR X4 Single Wall Heat Shrink GRACE INERTIA 6.5 Ultra-Fast Heat Shrink Machines and Equipment Ultra-Pod Hermetic Cluster Blocks Universal MATE-N-LOK Connectors VAL-U-LOK Connectors	902-930 MHz External Antennas	Monoplug Power
AMP DUOPLUG Power AMP MONO-SHAPE ORWH AMP Standard Timer Connector System AMP MUNIFICATION AMPLIVAR Product Terminator (APT) AMPLIVAR Splice Terminators and Applicators AMP MUNIFICATION AMPLITATION TERMINATOR TO SUSTING THE APT ON THE AMPLITATION TO SUSTING TO	902-930 MHz Internal Antennas	MTA 156
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Hermetic Cluster Blocks Universal MATE-N-LOK Connectors Inverted AMPLIVAR Splice Terminators and Applicators VAL-U-LOK Connectors	GRACE INERTIA 6.5	<u>Ultra-Fast</u>
Inverted AMPLIVAR Splice Terminators and Applicators VAL-U-LOK Connectors	Heat Shrink Machines and Equipment	<u>Ultra-Pod</u>
Inverted AMPLIVAR Splice Terminators and Applicators	Hermetic Cluster Blocks	Universal MATE-N-LOK Connectors
MAG-MATE Terminals	Inverted AMPLIVAR Splice Terminators and Applicators	VAL-U-LOK Connectors
	MAG-MATE Terminals	



Industrial Robotics

The applications for state-of-the-art industrial robots are growing all the time. From automotive and aircraft construction to the pharmaceutical industry, logistics, and metal or plastics processing — the latest generation of industrial robots can handle ever more complex tasks in a whole range of environments. Flexibility, optimum configuration options, high productivity, and efficiency are the key factors determining your Customers' success. As a manufacturer of robot and control technology, you face the constant challenge of making sure you are ready for everything the future brings your way.



TE Learning Connection Training Courses
Industrial Robotics - Articulated Robot EN CN JP
Industrial Robotics - Cobot EN CN JP
Industrial Robotics - Selective Compliance Articulated Robot Arm (SCARA) EN CN JP
Industrial Robotics - Controller & Teach Pendant Unit (TPU) EN CN JP
Industrial Robotics - End-of-Arm Tool EN CN JP

Marketing Resources	
Industrial Robotics Landing Page	Robotics Application Guide
IND Industrial Robotics One-Pager	Single Pair Ethernet (SPE) - Sales Tool

Product Resources	
ALCOSWITCH - PBES	KMXP Series
<u>AMPMODU</u>	<u>M12</u>
Chassis Mount Resistors	Mini-IO
Cobot Torque Sensor	Panel Label
CPC	Potter & Brumfield: SSR3 Product Listing SSR3 Flyer
Dynamic Series	Push Button Switches
ENTRELEC DBL	<u>RJ45</u>
ERNI: MicroCon MicroSpeed MicroStac SMC	Single Phase Filters EMC KEM KEH KEP KEV
Force Guided Relays	SMD/THT Resistors
Heavy Duty Connector HDC Solution Guide HMN	SPE
INTERCONTEC Connectors	Terminals and Splices



Internet of Things (IoT)

The Internet of Things is about connecting everything. TE has a broad portfolio of antennas, connectors and RF modules that engineers need, and is backed by a global manufacturing presence and distribution network. Enabling connectivity anywhere has never been more attainable. TE's global team of local industry experts offer assistances and support that helps engineers shine. From development to testing to production, TE's experts are available to cocreate, troubleshoot, and reduce risk at every step of the design process.



TE Learning Connection Training Courses
Internet of Things (IoT) Applications EN CN JP
Smart Building
Smart Speaker Applications
Smart Surveillance
Smart Tracking

Marketing Resources	
Connected World Podcast	Smart Meter Component Video
Design Considerations Graphic	Smart Meter Industry Overview Video
IoT Campaigns Cheat Sheet (CN & EN)	English: Smart Meter Infographic German: Smart Meter Infographic
loT Devices and Wi-Fi 6 E White Paper	Smart Meter Sell Sheet
<u>IoT Ecosystem</u>	English: Smart Meter Solutions Guide Chinese: Smart Meter Solutions Guide
IoT Smart Tracking Infographic	English: Smart Meter Teardown Engineering Report German: Smart Meter Teardown Engineering Report
Internet of Things (IoT) One-Pager	English: Smart Meter Trend Paper Chinese: Smart Meter Trend Paper French: Smart Meter Trend Paper German: Smart Meter Trend Paper
German: Outdoor Smart Surveillance Campaign Assets	Smart Surveillance Teardown Video
Outdoor Smart Surveillance Campaign Cheat Sheet	Smart Surveillance Trend Paper
Smart City Outdoor Surveillance Ecosystem Infographic	Smart Surveillance Trends Overview Video
Smart City Surveillance Design Considerations Infographic	Smart Surveillance Application Guide
Smart Meter AMI vs AMR Video	Smart Surveillance Solutions Guide

Product Resources	
Antennas - Trend Paper	Standard and Custom Antennas for IoT
Antennas & Solutions for IoT	Top TE Antennas For Use With Telit Modules



Low Earth Orbit (LEO) Satellites

Today, the frontier of low-earth-orbit satellite networks is rapidly expanding. A vast constellation of cross-linked satellite platforms promises access to the Internet and mobile-phone voice and data across the entire planet. These opportunities have launched a new era in aerospace engineering, inspiring unprecedented innovation in low earth orbit (LEO) satellite design.



TE Learning Connection Training Courses

Low Earth Orbit (LEO) Satellites EN | CN | JP

Marketing Resources	
Low Earth Orbit (LEO) Satellites Landing Page	LEO Satellite Subsystems & Product Portfolio
Low Earth Orbit (LEO) Satellites AFG One-Pager	Solutions for Low-Earth-Orbit Satellite Buses and Payloads
Launcher Platform Subsystems & Product Portfolio	Solutions for Space

Product Resources	
369 Series Connectors	RF Solutions
CII / Hartman	RNF-150
Flexible Power Cables	<u>RT-555</u>
INSTALITE Lightweight Braid	SolderSleeve Devices
KILOVAC	<u>SPEC 55</u>
MICRODOT Form Factor Connector Series	STRADA Whisper
MULTIGIG RT 2-R	Temperature Sensors
Optical Flex Circuits	<u>Vibration Sensors</u>
P-Clamps	VITA78_



Motion and Drive

Motors today are increasingly compact, yet house more functions than ever. And given the increased volume of data involved, it is essential to have absolutely reliable transfer connections that operate at the highest possible speeds. When internal data and power interface can be connected quickly, reliably, and efficiently, productivity is increased - and businesses grow. From proven, standard connectors and customized cable assemblies on the outside, to the latest sensor and magnet wire innovations inside the motor.



TE Learning Connection Training Courses
Motion and Drives - Servo Motors EN CN
Motion and Drives - Servo Drives EN CN
Motion and Drives - Servo Controllers EN CN
Motion and Drives – Smart Conveyors EN CN
Motion and Drives – Integrated Motion Control EN CN

Marketing Resources	
Servo Motors and Servo Drives Landing Page	Motor Connectivity Interactive Page
Motion and Drives One-Pager	Motor Connectivity Solutions Overview
Motion and Drives Solutions	Servo Motor & Servo Drive Application Guide
Motion and Drives Virtual Sample Kits	Smarter Motor Connectivity for Smart Factories Landing Page
Motor Connectivity Landing Page	INTERCONTEC Connectors for Increased Motor Productivity
Motor Connectivity Video	TE' Solutions for Motion and Drives in Industrial Automation Video
Servo Drives Connectivity and Component Solutions Video	Motion Control Product Guide
Decentralized Drives Architecture Trend Paper	



Motion and Drive

Product Resources	
16mm Emergency Stop Switches	MAG-MATE
AMPLIMITE D-Sub Connectors	Micro Motor Connectors
AMPLIVAR	Micro-MaTch
<u>AMPMODU</u>	Mini I/O Connectors
Barrier Strip Terminal Blocks	Mini VP Connectors
Board Mount Reflow Terminal Blocks	Multi-Level Stacking with Interlock Terminal Blocks
BUCHANAN Push-In Clamp Connectors	MV & TN Labels
BUCHANAN WireMate Connectors	Panel Labels
Corcom 3-Phase Power Filters: AHV KEM KEH KEP KEV APH APS	PLASTI-GRIP
Corcom EMI Single-Phase Filters	Polyester Labels
Dynamic D-2970 Push-In Connector	Precision & Power Resistors
ERNI MicroStac	RPS-SCE
ERNI MicroSpeed Power Module & Power Connectors	RT / RZ Relays
ERNI MicroStac Floating Signal Connectors	SBP Labels
ERNI Power Taps	Sealed Power Resistors
ERNI SMC	SIAMEZE Terminals
ESSW & LKZ Labels	Snap-On Markers
Europa Terminal Blocks	SNK PI-Spring
Eurostyle Terminal Blocks	SNK Screw Clamp
HDC Connectors	Switches
High Power Custom Terminal Blocks	T1K, T2K & TSK Labels
Illuminated Push Button	T92 Relays
Industrial Resolvers	T9G Relays
Industrial USB Connectors	<u>Unsealed Power Resistors</u>
INTERCONTEC Connectors	<u>Unshrouded Terminal Blocks</u>
M8/M12 Connectors	



Outdoor Led Lighting

Outdoor LED Lighting

In the harsh conditions of outdoor applications, LEDs cut energy usage, produce less heat, require less maintenance, and handle variable temperatures and rapid cycling much better than traditional light sources. TE's extensive portfolio of connectors, labels and filters enable LED fixtures to survive in punishing outdoor environments while providing beautiful, reliable, and efficient lighting.



TE Learning Connection Training Courses
Outdoor LED Lighting - Street Lighting EN CN
Outdoor LED Lighting - Horticulture EN CN
Outdoor LED - Tunnels EN CN
Outdoor LED Lighting – Architectural Lighting EN CN
Outdoor LED Lighting – Sports Lighting EN CN

Marketing Resources	
Outdoor Lightning Solutions Landing Page	LED Street Lighting Application Guide
IND Outdoor LED Lighting AFG One-Pager	Outdoor Lighting Application Guide
Lightning Application Guide	Intelligent & Innovative Lighting Solutions Landing Page
Horticulture Lighting Landing Page	Making Cities Smarter: Hybrid Solutions for LED Street Lighting Systems Landing Page
Street & Urban Lighting Solutions Landing Page	Lighting Virtual Sample Kits Download



Outdoor Led Lighting

Product Resources	
3 mm Low Profile Micro MATE-N-LOK Connectors	Micro-MaTch Connector Series
ANSI C136.41 Receptacles	Modular Fuse Holders
AMPMODU Board Signal Interconnects	Modular Screwless Series
ANSI: Street Lighting Accessories Base Assemblies Photocells	NECTOR S NECTOR T
BUCHANAN WireMate Connectors Poke-in Contacts	Nylon PIDG Terminals Ring/Pin/Quick <u>Disconnect/Spade/Butt</u>
Cable Glands & Ventilation Plugs	Precision / Power / Commodity Resistors
Cable Ties	Printable Labels: Pre-Printed Labels & Safety Signs Printable Tubing for Wire & Cable Printable Tags/Cable Markers
<u>Circular Plastic Connectors</u>	Printers, Software, Ribbons
CoolSplice Rated In-Line Splices	Push Grip Connector
CORCOM FB & FBH Series Single Phase Filters	PVC PLASTI-GRIP Terminals Ring/Pin/Quick <u>Disconnect/Spade/Butt</u>
ENTRELEC Compact Power Blocks Terminal Blocks Power Distribution Blocks	SCHAFFNER EMC/EMI Chokes ED100/ED101 SCHAFFNER EMC/EMI Chokes RT Series
ERNI IDC Terminal - Wire-to-Board Solution	SCHRACK Power PCB Relay
Eurostyle Terminal Blocks	Sealing Caps
<u>Fuse Boxes</u>	Shorting Caps
Hermaphroditic Blade and Receptacle Connectors	SLIMSEAL Connectors
IDC Poke-In Wire Connectors	Soft Shell Connectors
Inverted Thru Board	SOLISTRAND Ring Lug Terminals
Labels and Markers	Terminals & Splices
LIGHT-N-LOK Connectors	Tool-less Rotatable Dimming Receptacle
Low Profile Micro MATE-N-LOK Connectors	Twist Splice Wire Connectors
LUMAWISE: Endurance N Poke-In Streetlight Dimming Receptacle Motion Sensor LUMAWISE Motion Programmable Sensor Motion Sensor Logic Output Power Entry Terminal Block	Wiring Ducts
M8 and M12 Circular Connectors	Zhaga: Book 18 – Z10 Book 18 Compliant Bases and Covers Book 18 Receptacles Photocell



Professional Service Robots

Discover our wide range of products suitable for Professional Service Robots. With strong global brand recognition, TE enables companies large and small to turn ideas into technology that can transform how the world works and lives tomorrow. We offer a broad portfolio and solutions with features to address the requirements of your future projects, such as stability, vibration resistance, high-speed transmission, and small footprints.



TE Learning Connection Training Courses

Professional Service Robots EN | CN | JP

Marketing Resources	
Professional Service Robot One-Pager	FAQs <u>CN EN JP</u>
Professional Service Robot Landing Page CN EN JP	Solution Guide CN EN JP
Infographic <u>CN</u> <u>EN</u> <u>JP</u>	Virtual Sample Kit CN EN JP

Product Resources	
Board-to-Wire Connectors	Multi-port Antennas
D-Type Connectors	Near Field Communication (NFC)
Fine Pitch Connectors	RJ45 Connectors
GNSS Antennas	USB Type-C Connectors
Micro Coaxial Connectors	<u>UWB Antennas</u>
Multi-Beam XL and XLE Connectors	Wi-Fi/Bluetooth Antennas



Semiconductor Machinery

There is an increase in global semiconductor demand driven by 5G, IoT, AI and autonomous electrical vehicles. TE supports with highly engineered connectivity solutions that provide uninterrupted operations for power, signal and data. Semiconductor machinery equipment (SME) specific processes ensure gapless quality traceability, cleanroom readiness, and provide an integrated solution for simplifying complex supply chains.



TE Learning Connection Training Courses	
Semiconductor Machinery - Machine Wiring EN	
Semiconductor Machinery - Control Cabinet EN JP	
Semiconductor Machinery - Controller & Devices EN	

Marketing Resources	
Semiconductor Machinery AFG One-Pager	Pitch Deck - Semiconductor Machinery

Product Resources	
<u>AMPMODU</u>	M12 Ethernet
Axicom IM Relays	M8/12: Cable Assemblies Connectors
Backplane Connectors	Media Isolated Pressure Sensors
Cable Assemblies	Micro Motor
Coax	Mini I/O: Cable Assemblies Connectors
CPC	Mini-Universal MATE-N-LOK
<u>D-Subminiature Connectors</u>	Power Line Filters: 3-Phase Single Phase
Dynamic Series Models & Products D3000	Power Triple Lock
ENTRELEC Terminal Blocks	Printable Tubing
ERNI: MicroCon MicroSpeed MiniBridge SMC	Ring Terminals
Ferrules & Tabs	RITS Connectors
Force Guided Relays	SAS / Mini-SAS
HDC Dynamic	SMD Resistors
Heavy Duty Connectors	Standard Labels
IHV Series	Thermocouple Connector
Industrial Cable Assemblies	<u>Transducers and Transmitters</u>
Industrial RJ45	Wire Labeling & Identification
INTERCONTEC	Wrap Around Labels



Smart Agriculture

Discover how integrating Smart Agriculture Technologies into equipment design, Sensor Systems, and Internet of Things (IoT) Solutions can lead to more efficient, sustainable, and productive Agricultural Systems. In the face of challenges such as high initial costs, technical complexities, and data management issues, we know you need partners and solutions you can trust. TE Connectivity supports your needs, providing innovative and sustainable Connector and Sensor Solutions to support applications like Autonomous Equipment and Robotic Harvesting.



TE Learning Connection Training Courses

Smart Agriculture

Marketing Resources	
Smart Agriculture One-Pager	

Product Resources	
TE Components	Associated Tooling
AMPSEAL 16 Connector with Coaxial Terminal	
ATUM Heat Shrink Tubing	Heating Tool
DEUTSCH Round Common Contact System	OCEAN 2.0 Applicator
	SDE Crimping Hand Tools
DT Highspeed Connectors	
enetSEAL+ Connectors	Crimp Tooling
	Hand Crimping Tool
	Insertion & Extraction Tool
	OCEAN 2.0 Applicator
	SDE Hand Tool
	Strip Terminal Cutter-Side Feed-No Crimp
ERNI MaxiBridge Connectors	
External Vehicle Antennas and Embedded Antennas	
FX29 Compact Compression Load Cell	
Heavy Duty Sealed Connector Series with MATEnet Inserts	Ethernet Cable Stripping & Crimping Machine (ESM-10)
IoT Wireless Pressure Sensors	
Power Versa-Lock Connectors	Benchtop Wire Crimping Machines
	CERTI-CRIMP Premium Hand Tools
<u>Timer Interconnection System</u>	Hand Crimping Tool
	Insertion & Extraction Tool
	OCEAN 2.0 Applicator



Smart Health

The engineering of smart health monitoring devices presents design challenges in miniaturization, component integration and durability. This is where we come in. As a global leader in antennas, connectors and sensors, TE delivers notable wireless connectivity that enables your devices to operate in harsh, life-saving environments.



TE Learning Connection Training Courses	
Smart Health EN CN JP	
<u>Digital Teardown – Ventilator</u>	
<u>Digital Teardown – Glucose Monitor</u>	
<u>Digital Teardown – Blood Pressure Monitor</u>	
<u>Digital Teardown – Respiratory Therapy Equipment</u>	

Marketing Resources	
Smart Health Campaign Landing Page	TE Connectivity Enables Smart Health Devices Infographic
Smart Health AFG One-Pager	Smart Health Virtual Sample Kit
Smart Health Solution Guide	Webinar: Enhancing Power Efficiency
IoT Devices and Wi-Fi 6E	Smart Hearing Infographic
Wearable Electronics Solutions	

Product Resources	
AMP CT Connectors	RF Coax Connector
Eurocard Connectors	SIM Card Connectors
FPC Interconnect	SMA/SSMA Connectors
Micro Coax Connector	Spring Finger
Mini CT Connector	Standard Antenna
Mobile Battery Connectors	USB Type-C
Modular Jack	Wire-to-Board Housings
PC Battery Connectors	



Smart Home

In an era of smart technology, there really is no place like home. Today's consumer has come to expect both convenience and cost-savings from the ongoing advancements in new technologies that are reshaping the way people live, work, and operate. Fueled by the expanding capabilities afforded by the Internet of Things (IoT), nowhere is this more evident than in the growing emergence of Smart Homes.



TE Learning Connection Training Courses

Smart Home Solutions EN | CN

Marketing Resources	
Smart Home Landing Page EN Smart Home Landing Page CN Smart Home Landing Page JP	Smart Homes: A Look into Today's Trends and Opportunities EN Smart Homes: A Look into Today's Trends and Opportunities CN Smart Homes: A Look into Today's Trends and Opportunities JP
Smart Home AFG One-Pager	Smart Home Infographic EN Smart Home Infographic JP
Cooking in comfort with TE Connectivity Smart Kitchen Solutions Video	The Future of Comfortable Living Video
Clean Home, Reliable Solutions Video	Customized Solutions for your next Battery Connector Design Video



Smart Home

Product Resources	
Small & Major Kitchen Appliances Product Solutions EN	Living Room Product Solutions EN
Small & Major Kitchen Appliances Product Solutions CN	Living Room Product Solutions CN
Small & Major Kitchen Appliances Product Solutions JP	<u>Living Room Product Solutions JP</u>
Laundry Room Product Solutions EN	Lawn Tool Product Solutions EN
Laundry Room Product Solutions CN	Lawn Tool Product Solutions CN
Laundry Room Product Solutions JP	Lawn Tool Product Solutions JP
AMPLIVAR	Piezo Film
ATUM	POD-LOK
CGPT	Positive Lock
Chassis Mount Resistors	<u>Potentiometers</u>
<u>Cluster Blocks</u>	Potter & Brumfield T9A
<u>Custom Antennas</u>	Potter & Brumfield T9G
DIP & SIP	Pressure Sensors
Dual Wall Heat Shrink Tubing	RBK-ILS
Embedded Antennas	Relative Humidity Sensors
FASTIN-FASTON	Ring Terminals & Spade Lugs
FASTON	Rocker Switches
FX29 Force Sensor	<u>RT-375</u>
HTAT	RTD Platinum Sensors
<u>IoT Antennas</u>	SIAMEZE
KMXP	Snap Action Switches
LSTT	Surface Mount Resistors
MAG-MATE	<u>Tactile Switches</u>
Magnetic Sensors	Thermopile Sensors
NTC Thermistors	Through-Hole Resistors
Optical Sensors	TRICAN
P2 Signal	<u>Ultra-Fast</u>
PC Board Relays	Wire Splices



Smart Transportation

TE Connectivity (TE) is leading the way in Smart Transportation, enhancing the efficiency and safety of transportation networks through high-quality connectivity solutions. The integration of advanced technologies is crucial for addressing urbanization and sustainability demands. TE's innovative solutions enable seamless communication among vehicles, infrastructure, and passengers, fostering a connected transportation ecosystem.



TE Learning (Connection Training Courses
Smart Transport	<u>ation</u>
Smart Truck & T	railer

Marketing Resources	
Smart Transportation Landing Page	Construction & Agriculture Antennas Brochure
Smart Transportation AFG One-Pager	Antenna Catalog
Smart Transportation Solution Guide	

Product Resources		
AMP CT, Mini CT, Micro CT Connectors	Micro Coax Connectors	
Antennas	Multi-Beam Connectors	
<u>DisplayPort Connectors</u>	RF Coaxial Connectors	
Fine Pitch BtB Connectors	SMA/SSMA Connectors	
FPC Connectors	Spring Finger Contacts	
HDMI Connectors	<u>USB Connectors</u>	



Test & Measurement

With rapidly up-and-coming and cutting-edge technologies such as 5G and electric and autonomous vehicles, the test and measurement industry is set to usher in a new round of growth. The fast, iterative market is accompanied by the diversification and complication of test requirements. As a world leader in connectivity and sensors, TE has decades of experience as well as deep and highly capable engineering expertise. This, in addition to a broad portfolio of products and one-stop-shop solutions, can help support your needs for high-performance, extendable and cost-efficient test and measurement equipment.



TE Learning Connection Training Courses

TE Solutions for Test & Measurement EN | CN

Marketing Resources	
Test & Measurement AFG One-Pager	Test & Measurement Infographic
Test & Measurement Landing Page	Test & Measurement Sell Sheet

Product Resources	
RF Connector Brochure (T&M)	



Warehouse Automation

The rise of Industry 4.0 and rapid growth of e-commerce have led to a revolution in warehouse automation. Automated guided vehicles (AGVs), which require guidance from wires or strips, and autonomous mobile robots (AMRs), which feature smart navigation and higher flexibility, are making warehouses more productive than ever. With automatic storage and retrieval systems (ASRS), these robots can work together to handle material storage, make smart decisions on material placement and inventory rotation, and fulfill tasks such as pickup and shipping preparation. In most warehouses, there will be robot and human collaboration for the foreseeable future, and forklifts are still a key piece of equipment in warehouses.



TE Learning Connection Training Courses	
Warehouse Automation – Battery and Battery Management System EN CN JP	
Warehouse Automation – Charging Stations EN CN JP	
Warehouse Automation – Motor and Drive EN CN JP	
Warehouse Automation – Controls, Sensors, Vehicle Wiring EN CN JP	

Marketing Resources	
Warehouse Automation Landing Page	Hardware Trends in Warehouse Automation White Paper
IND Warehouse Automation AFG One-Pager	Solutions for Warehouse Automation Product Guide
Anatomy of a Smart Warehouse Infographic	Smaller Components for Warehouse Automation Trend Paper
High-Speed Communication and the Automated	Designing an Electric Drivetrain Charging System From End
Warehouse Trend Paper	to End White Paper
Opportunistic Charging for Electric Forklifts Trend	Selecting the Best Connectors for Your Battery
<u>Paper</u>	Management System White Paper
Power Distribution Solutions Infographic	AGV Charging Technology Landing Page
To Benefit From AGVs, Automated Warehouses	Streamlining Smart Warehousing: TE Connectivity Solutions
Need Rugged Charging Capabilities Whitepaper	for AS/RS Design Challenges Video

Product Resources	
3-Phase Filters	M8/M12
ALCOSWITCH - PBES	MATE-AX
Aluminum-Housed Resistors	MATE-N-LOK
AMP Power Series	Micro-MaTch
<u>AMPMODU</u>	<u>Mini-IO</u>
AMR	Multi-Function Inlet Filters
BCON+	<u>NanoMQS</u>
CPC	PCB Relays



Warehouse Automation

Product Resources (Cont.)	
DC Filters	MCP
Dynamic Series D3000	Potter & Brumfield: SSR3 Product Listing SSR3 Flyer T92 Flyer
enetSEAL+	Power Switches
Entrelec: DBL Terminal Blocks	Push Button Switches
ERNI MicroBridge Maxibridge Minibridge Microbridge SMC Microcon MicroSpeed	Reluctance Resolver
HVP	Ring Terminals
Industrial Resolver	<u>RJ45</u>
INTERCONTEC Connectors	Single Phase Filters
Kilovac: Contactors I IHVA150 IHV200	SPE
KISSLING	Wire-Wound Tubular Resistors