

# LEVELING UP CONVENIENCE FOR EVERY MEAL

Major & Small Kitchen Appliance Product Solutions

# SMART INNOVATIONS FOR HOME APPLIANCES

Bring convenience and comfort to your kitchen with TE Connectivity's (TE) portfolio of connector, relay, terminal and splice that deliver enhanced functionality, sealed protection, and space-saving options. With trends towards more connected devices, engineers need to design for protection and durability while meeting global safety standards. Cook in comfort knowing TE is the a great global partner to bring your next appliance to life for always-on connectivity.

## MAJOR HOME APPLIANCES

Bring convenience and connectivity to your kitchen with the latest smart solutions. At TE, we are introducing new technologies that deliver sustainable living, enhanced functionality, and reliability.

Learn how our wired and wireless technologies, connectors, sensors, and more, can help build the smart appliances of the future. Think smart, worry less by discovering TE's unmatched portfolio of major home appliance product solutions.



## SMALL HOME APPLIANCES

Small appliances are becoming smarter and more efficient to enhance the cooking experience. Our extensive portfolio of connectors, sensors, tubing, relays, and switches improve the efficiency and provide you can count on. This, along with our global engineering expertise and manufacturing capabilities, makes us an a great partner to help connect your smart appliances for a safer, more secure, and connected home.



## TE PRODUCT VALUE



### SEALING

Ingress protection (IP) rating for water, dust, and debris in harsh environments



### RELIABILITY

High power and operating temperatures, locking mechanisms, and vibration resistance



### MINIATURIZATION

Compact centerline and smaller construction size



### SIMPLIFICATION

Insulation displacement (IDC) technology, ease of installation, and simplified assembly processes



### SAFETY

Flame retardant material, ergonomic design, and insulation protection



## SMART KITCHEN PRODUCT SOLUTIONS

When it comes to smart kitchen appliances, we offer products using flame retardant resins that can be solutions for everything from smart refrigerators and cooktops to help ensure your appliances are both reliable and safe. Whether you need a power connector with a smaller footprint or an ergonomic connector that improves assembly efficiency, TE has the products you need to create more efficient and reliable connected home. Think smart, worry less by discovering TE's unmatched portfolio of new and innovative product solutions.

## PRODUCT SOLUTIONS

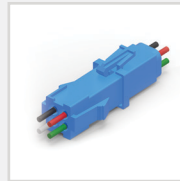
### POWER CONNECTORS



[Economy Power Connectors](#)



[Micro MATE-N-LOK Connectors](#)



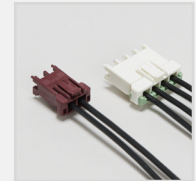
[Mini Universal MATE-N-LOK Connectors](#)



[Universal MATE-N-LOK Connectors](#)



[MTA 156 Connectors](#)



[Power Key Connectors](#)



[VAL-U-LOK Connectors](#)



[POWER TRIPLE LOCK Connectors](#)



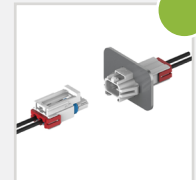
[Power Double Lock Connectors](#)



[RAST Connectors](#)



[GRACE INERTIA Connectors](#)



[Power-Versa Lock Connectors](#)

### SIGNAL CONNECTORS



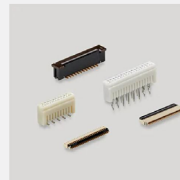
[Signal Double Lock Connectors](#)



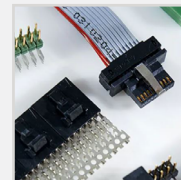
[Signal GRACE INERTIA Connectors](#)



[AMP CT Connectors](#)



[Flexible Printed Circuit \(FPC\) Connectors](#)



[AMP MODU Connectors](#)




[High Performance Interconnects \(HPI\)](#)



[Economy Power 2.5 Connectors](#)



[MTA 100 Connectors](#)

 New product





### TERMINAL & SPLICES



[MAG-MATE  
Terminals](#)



[Ultra-Fast  
Terminals](#)



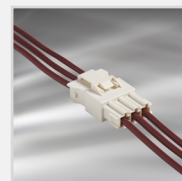
[SIAMEZE  
Terminals](#)



[AMPLIVAR  
Terminals](#)



[FASTON  
Terminals](#)



[FASTIN-FASTON  
Terminals](#)



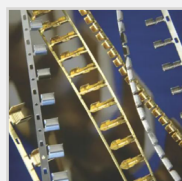
[Positive Lock  
Terminals](#)



[POD-LOK  
Terminals](#)



[Cluster Block  
Terminals &  
Housings](#)



[Wire Splices](#)

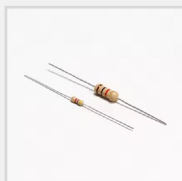


[Ring Terminals  
& Spade Lugs](#)

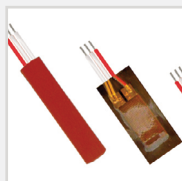
### RESISTORS



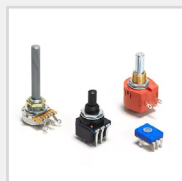
[Chassis Mount  
Resistors](#)



[Through-Hole  
Resistors](#)



[Surface Mount  
Resistors](#)

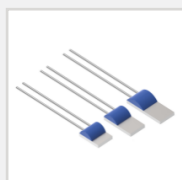


[Potentiometers  
Resistors](#)



[NTC Thermistors  
Resistors](#)

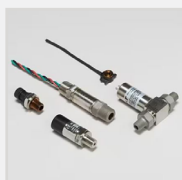
### SENSORS



[RTD Platinum  
Sensors](#)



[Relative  
Humidity Sensors](#)



[Pressure  
Sensors](#)



[Thermopile  
Sensors](#)



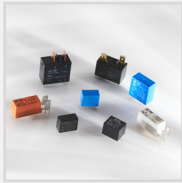
[Magnetic  
Sensors](#)





## SMART KITCHEN PRODUCT SOLUTIONS

### RELAYS



[PC Board Relays](#)

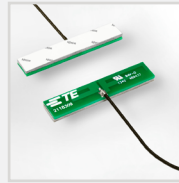


[Potter & Brumfield T9G Relays](#)



[Potter & Brumfield T9A Relays](#)

### ANTENNAS



[Embedded Antennas](#)



[Custom Antennas](#)



[IoT Antennas](#)

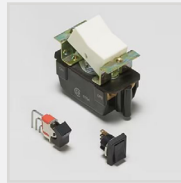
### SWITCHES



[DIP & SIP Switches](#)



[Tactile Switches](#)

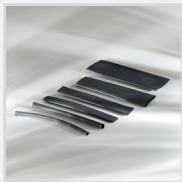


[Rocker Switches](#)



[Snap Action Switches](#)

### TUBING



[VERSAFIT Heat Shrink Tubing](#)



[RW-175 Tubing](#)



[RNF-150 Tubing](#)



[ATUM Tubing](#)

## CONTROL BOARD PRODUCT SOLUTIONS



TE Connectivity's (TE) broad portfolio of connectors, relays, and tubing allow you to optimize control boards within home appliances. With proven quality and reliability, our solutions will help you get your product to market fast. Whether you are designing a board for a blender, air treatment product, coffee maker, floor care, or other home appliance, TE has solutions to simplify your process and improve your design for the next generation of home appliances.

### POWER CONNECTORS



#### Economy Power II Connectors

- .156" [3.96mm] pitch
- Rated 600VAC at up to 11A
- Well-suited for delivering power to the board with up to 12-positions
- Offer two levels of mechanical and electrical reliability



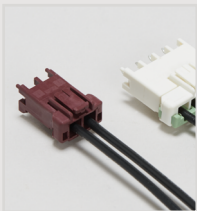
#### Micro MATE-N-LOK Connectors

- Available in low profile design (<4.7 mm)
- Both single-row and dual-row configurations are available
- Panel mount or free-hanging versions



#### MTA 100/156 Connectors

- Color coded housing for wire gage
- Tin, 15 and 30 gold plating options
- Audible latch for wire-to-wire (posted) housings
- Insulation displacement (IDC) technology to wire-to-board and wire-to-wire systems



#### Power Key Connectors

- Power circuit connector with 5.0mm contact centerline
- Wire-to-board connectors: plug housings for wires and PCB header assemblies
- Clear clicking sound easily confirms contact insertions. Double lock plate provides for complete loading of contacts



#### VAL-U-LOK Connectors

- Ratings up to 9A per line in a 4.2mm pitch wire-to-wire or wire-to-board connectors
- Mate first/break last option on 3 position single row receptacle housings
- As many as 24 positions in dual row configuration with optional TPA

### SIGNAL CONNECTORS



#### Economy Power 2.5mm Connectors

- Achieve easy mating and unmating with positive audible latch
- Prevent post misalignment with polarization tabs
- Compact 2.5mm centerline



#### Signal Double Lock Connectors

- Space saving 2.5mm pitch
- Current Rating: 3A
- IP67 class water proofing protection
- Flammability: GWT and UL 94 V-0



#### 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



#### AMP CT Connectors

- Two termination methods: IDC, crimp
- Kinked leg options for self-retention on boards
- IDC AWG 24-28, Crimp AWG 22-30
- RoHS compliant
- Component Program of Underwriters Laboratories Inc., File No. E28476



#### Flexible Printed Circuit Connectors

- Light weight/high density designs
- Reliably connect with various retention options
- Unique designs like angled insertion to solve design challenges



#### High Performance Interconnects (HPI)

- Achieve low signal/power connections in a 1.0mm to 2.5mm centerline footprint
- Prevent contact stubbing with polarized housings



## TERMINALS & SPLICES



### FASTON Terminals

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



### MAG-MATE Terminals and Splices

- High speed, fully automated integrated systems provide uniform magnet wire terminations reliably at the lowest possible applied cost



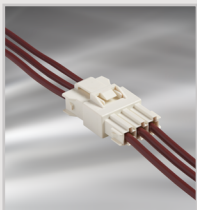
### Positive Lock Terminals and Housings

- Integral lever locks receptacles onto tabs
- Low insertion force for improved ergonomics
- High temperature housings meet Glow Wire test and UL 94 V-0



### 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)
- Fully insulated FASTON receptacles



### FASTIN-FASTON Terminals

- Tabs, receptacles and housings for single and multiple connections
- Terminals have locking lances for retention of contacts in housings
- 110, 187 and 250 series terminals

## SWITCHES



### Tactile Switches

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

## 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 UL, CQC and VDE certifications
- Help provide operator safety through increased insulation (UL 61810-1)



### PCH Series Relays

- 5 to 10A rating
- 1 form A (NO) and 1 form C (CO) contact arrangements
- Sensitive coil available for 1 form A type



### RZ Power PCB Relay

- Global standard platform for 16 Amp applications
- Designed to overcome micro welding in the contact interface to improve life time
- Standard versions for 85°C ambient temperature and high temperature versions for 105°C

## TUBING



### SWFR Heat Shrink Tubing

- Insulation and strain relief for fine gauge wire and fiber optic cables
- Moisture, fungus, and weather resistant for outdoor applications
- Thermal insulation of substrates, pipes, hoses and cables

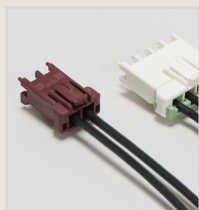


## HEATER SOLUTIONS



TE Connectivity's (TE) broad portfolio of connectors, sensors, relays, and tubing allow you to optimize heaters within home appliances. With proven quality and reliability, our solutions will help you get your product to market fast. Whether you are designing a heater for a toaster, coffee maker, rice cooker, floor care, or other home appliance, TE has solutions to simplify your process and improve your design for the next generation of home appliances.

### POWER CONNECTORS



#### Power Key Connectors

- Power circuit connector with 5.0mm contact centerline
- Wire-to-board connectors: plug housings for wires and PCB header assemblies
- Clear clicking sound easily confirms contact insertions. Double lock plate provides for complete loading of contacts



#### Micro MATE-N-LOK Connectors

- Available in low profile design (<4.7 mm)
- Both single-row and dual-row configurations are available
- Panel mount or free-hanging versions



#### RAST Power Connectors

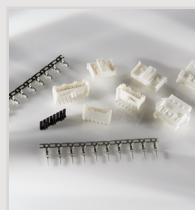
- Achieve high vibration performance and reliability with polarized latching receptacle, and reduce termination time with insulation displacement option
- 250 VAC, 2-16A Current Rating



#### Universal MATE-N-LOK Connectors

- Centerline: 6.35mm
- Current Rating: 19A
- Voltage Rating: 600 VAC
- Flammability: UL 94 V-0, UL 94 V-2
- 250 VAC

### SIGNAL CONNECTORS



#### Economy Power 2.5mm Connectors

- Achieve easy mating and unmating with positive audible latch
- Prevent post misalignment with polarization tabs
- Compact 2.5mm centerline



#### 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

### TUBING



#### SWFR Heat Shrink Tubing

- Insulation and strain relief for fine gauge wire and fiber optic cables
- Moisture, fungus, and weather resistant for outdoor applications
- Thermal insulation of substrates, pipes, hoses and cables



#### DWFR Heat Shrink Tubing

- Highly flame-retardant with UL VW-1 flammability rating
- 3:1 and 4:1 shrink ratios provide design versatility
- Broad range of standard sizes meets many application requirements



## TERMINALS & SPLICES



### Cluster Block Terminals and Housings

- Connect to sealed hermetic headers on compressors
- Accept wire ranging from 25-10 AWG
- Versions available for 2.29 or 3.18mm header pins
- High-performance electrical and mechanical performance



### FASTON Terminals

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



### MAG-MATE Terminals and Splices

- High speed, fully automated integrated systems provide uniform magnet wire terminations reliably at the lowest possible applied cost



### Positive Lock Terminals and Housings

- Integral lever locks receptacles onto tabs
- Low insertion force for improved ergonomics
- High temperature housings meet Glow Wire test and UL 94 V-0



### 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)
- Fully insulated FASTON receptacles

## MOTOR SOLUTIONS



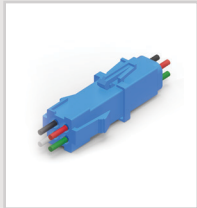
TE Connectivity's (TE) broad portfolio of connectors, relays, and tubing allow you to optimize control boards within home appliances. With proven quality and reliability, our solutions will help you get your product to market fast. Whether you are designing a board for a blender, air treatment product, coffee maker, floor care, or other home appliance, TE has solutions to simplify your process and improve your design for the next generation of home appliances.

### POWER CONNECTORS



#### [Economy Power II Connectors](#)

- .156" [3.96mm] pitch
- Rated 600VAC at up to 11A
- Well-suited for delivering power to the board with up to 12-positions
- Offer two levels of mechanical and electrical reliability



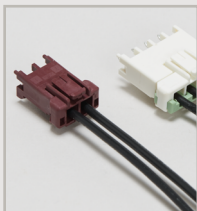
#### [Mini Universal MATE-N-LOK Connectors](#)

- Versatile line includes splash-proof models for applications that require sealing
- 600 VAC, 9.5A Current Rating



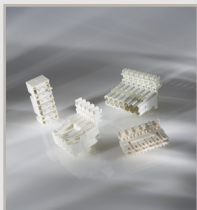
#### [MTA 100/156 Connectors](#)

- Color coded housing for wire gage
- Tin, 15 and 30 gold plating options
- Audible latch for wire-to-wire (posted) housings
- Insulation displacement (IDC) technology to wire-to-board and wire-to-wire systems



#### [Power Key Connectors](#)

- Power circuit connector with 5.0mm contact centerline
- Wire-to-board connectors: plug housings for wires and PCB header assemblies
- Clear clicking sound easily confirms contact insertions. Double lock plate provides for complete loading of contacts



#### [RAST Power Connectors](#)

- Achieve high vibration performance and reliability with polarized latching receptacle, and reduce termination time with insulation displacement option
- 250 VAC, 2-16A Current Rating

### TUBING



#### [SWFR Heat Shrink Tubing](#)

- Insulation and strain relief for fine gauge wire and fiber optic cables
- Moisture, fungus, and weather resistant for outdoor applications
- Thermal insulation of substrates, pipes, hoses and cables

### SWITCHES



#### [Tactile Switches](#)

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

### SIGNAL CONNECTORS



#### [AMP CT Connectors](#)

- Two termination methods: IDC, crimp
- Kinked leg options for self-retention on boards
- IDC AWG 24-28, Crimp AWG 22-30
- RoHS compliant
- Component Program of Underwriters Laboratories Inc., File No. E28476



#### [CST Connectors](#)

- Centerline: 2.54mm
- Current Rating: 4A
- Voltage Rating: 250 VAC
- Flammability: UL 94 V-0



#### [Economy Power 2.5mm Connectors](#)

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





## SIGNAL CONNECTORS



### 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



### High Performance Interconnects (HPI)

- Achieve low signal/power connections in a 1.0mm to 2.5mm centerline footprint
- Prevent contact stubbing with polarized housings



### Mini AMP-IN Connectors

- Centerline: 2.5mm
- Current Rating: 4A
- Voltage Rating: 250 VAC
- Flammability: UL 94 V-0



### Signal Double Lock Connectors

- Centerline: 2.5mm
- Current Rating: 3A
- Voltage Rating: 250 Volts AC/DC
- Flammability: GWT and UL 94 V-0

## TERMINALS & SPLICES



### AMPLIVAR Terminals and Splices

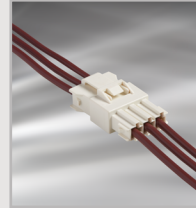
- Up to three magnet wires plus a lead wire in the same crimp
- Cu and Al magnet wire can be combined
- Penetrates the magnet wire insulation while simultaneously terminating wire



### Positive Lock Terminals and Housings

- Integral lever locks receptacles onto tabs
- Low insertion force for improved ergonomics
- High temperature housings meet Glow Wire test and UL 94 V-0

## TERMINALS & SPLICES



### FASTIN-FASTON Terminals

- Tabs, receptacles and housings for single and multiple connections
- Terminals have locking lances for retention of contacts in housings
- 110, 187 and 250 series terminals



### Ring and Spade Terminals

- Versatile mating options support solid or stranded single wire connections
- Offer a range of sizes, materials, configurations and platings to meet specific requirements



### FASTON Terminals

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



### SIAMEZE Terminals

- Insulation displacement crimp (IDC) terminals interconnect copper magnet wires, lead wires, and other components
- Various types accept 36-12 AWG solid or stranded copper wire
- Manual, semi-automated, fully automated systems support efficient wire termination



### MAG-MATE Terminals and Splices

- High speed, fully automated integrated systems provide uniform terminations reliably at the lowest possible applied cost



### 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)
- Fully insulated FASTON receptacles



## POWER CORD SOLUTIONS

TE Connectivity's (TE) broad portfolio of connectors, relays, and tubing products allow you to optimize power cords for home appliances. With proven quality and reliability, our solutions will help you get your product to market fast. Whether you are designing a power cord for a blender or mixer, coffeemaker, rice cooker, floor care, or other home appliance, TE has solutions to simplify your process and improve your design for the next generation of home appliances.

### POWER CONNECTORS



#### Economy Power II Connectors

- .156" [3.96mm] pitch
- Rated 600VAC at up to 11A
- Well-suited for delivering power to the board with up to 12-positions
- Offer two levels of mechanical and electrical reliability



#### MTA-100/156 Connectors

- Color coded housing for wire gage
- Tin, 15 and 30 gold plating options
- Audible latch for wire-to-wire (posted) housings
- Insulation displacement (IDC) technology to wire-to-board and wire-to-wire systems



#### Power Double Lock Connectors

- 1-12 position wire-to-wire or wire-to-board
- Audible click when contact is fully inserted into the housing
- Board-mounted headers are compatible with resin or conformal coatings



#### VAL-U-LOK Connectors

- Ratings up to 9A per line in a 4.2mm pitch wire-to-wire or wire-to-board connectors
- Mate first/break last option on 3 position single row receptacle housings
- As many as 24 positions in dual row configuration with optional TPA
- High current offering can reach 13A

### TERMINALS & SPLICES



#### FASTON Terminals

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



#### Positive Lock Terminals and Housings

- Integral lever locks receptacles onto tabs
- Low insertion force for improved ergonomics
- High temperature housings meet Glow Wire test and UL 94 V-0



#### Ring and Spade Terminals

- Versatile mating options support solid or stranded single wire connections
- Offer a range of sizes, materials, configurations and platings to meet specific requirements

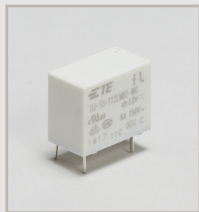


#### Ultra-Fast Terminals

- 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)
- Fully insulated FASTON receptacles



### 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



#### PCH Series Relays

- 5 to 10A rating
- 1 form A (NO) and 1 form C (CO) contact arrangements
- Sensitive coil available for 1 form A type



#### RZ Power PCB Relay

- Global standard platform for 16 Amp applications
- Designed to overcome micro welding in the contact interface to improve life time
- Standard versions for 85°C ambient temperature and high temperature versions for 105°C



#### 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, CQC and VDE certifications
- Help provide operator safety through increased insulation (UL 61810-1)

### SIGNAL CONNECTORS



#### Economy Power 2.5mm Connectors

- Achieve easy mating and unmating with positive audible latch
- Prevent post misalignment with polarization tabs
- Compact 2.5mm centerline



#### 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

### TUBING



#### SWFR Heat Shrink Tubing

- Insulation and strain relief for fine gauge wire and fiber optic cables
- Moisture, fungus, and weather resistant for outdoor applications
- Thermal insulation of substrates, pipes, hoses and cables



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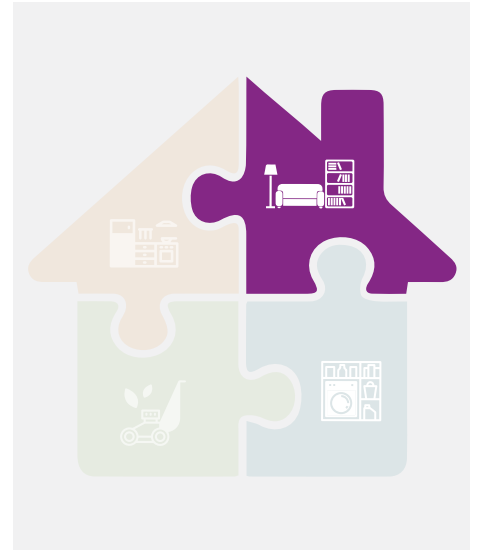
## te.com

MATE-N-LOK, POWER TRIPLE LOCK, VAL-U-LOK, GRACE INERTIA, Power Versa-Lock, AMP-IN, AMP, AMPMODU, MAG-MATE, SIAMEZE, AMPLIVAR, FASTON, FASTIN-FASTON, Positive Lock, POD-LOK, VERSAFIT, ATUM, TA, Potter & Brumfield, TE Connectivity, TE Connectivity (logo), TE (logo) and Every Connection Counts are trademarks owned or licensed by the TE Connectivity Ltd. family of companies.. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

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# LIVE IN COMFORT

Living Room Product Solutions

# RELIABLE CONNECTIONS FROM THE COMFORT OF YOUR HOME

Live in comfort with TE Connectivity's (TE) unmatched portfolio of reliable products that provide trusted performance behind your connected home. Bring convenience and comfort to your living room with TE's portfolio of connectors, sensors, terminals, and splices solutions that deliver enhanced comfort, reliability, and simplicity. With trends focusing on more connected devices with ease of use, engineers need to design for efficiency and simplicity while meeting global safety standards.



## TE PRODUCT VALUE



### SEALING

Ingress protection (IP) rating for water, dust, and debris in harsh environments



### RELIABILITY

High power and operating temperatures, locking mechanisms, and vibration resistance



### MINIATURIZATION

Compact centerline and smaller construction size



### SIMPLIFICATION

Insulation displacement (IDC) technology, ease of installation, and simplified assembly processes



### SAFETY

Flame retardant material, ergonomic design, and insulation protection

## LIVING ROOM PRODUCT SOLUTIONS



Relax in comfort knowing TE is the a great global partner to bring your next smart device to life for always-on connectivity. The living room provides a safe place to relax and enjoy company. TE offers product solutions for security cameras, smart speakers, doorbells, and ceiling fans that provide safety, reliability, and simplicity. When it comes to safety and reliability, we deliver robust, durable, and cost saving product solutions that secure connections for a safer tomorrow. Our mission is your comfort, explore reliable solutions that work hard so you don't have to.

## PRODUCT SOLUTIONS

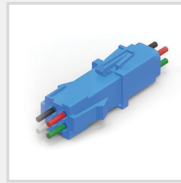
### POWER CONNECTORS



[Economy Power Connectors](#)



[Micro MATE-N-LOK Connectors](#)



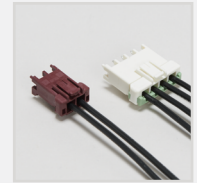
[Mini Universal MATE-N-LOK Connectors](#)



[Universal MATE-N-LOK Connectors](#)



[MTA 156 Connectors](#)



[Power Key Connectors](#)



[VAL-U-LOK Connectors](#)



[POWER TRIPLE LOCK Connectors](#)



[Power Double Lock Connectors](#)

### SIGNAL CONNECTORS



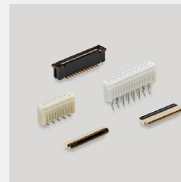
[Signal Double Lock Connectors](#)



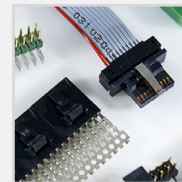
[Signal GRACE INTERTIA Connectors](#)



[AMP CT Connectors](#)



[Flexible Printed Circuit \(FPC\) Connectors](#)



[AMPMODU Connectors](#)



[High Performance Interconnects \(HPI\)](#)



[Economy Power 2.5 Connectors](#)




[MTA 100 Connectors](#)



[MicroMT Connectors](#)



[USB 3.0 Connectors](#)

 New product





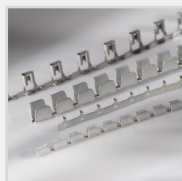
### TERMINAL & SPLICES



[MAG-MATE  
Terminals](#)



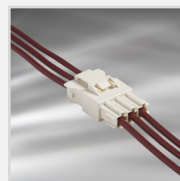
[SIAMEZE  
Terminals](#)



[AMPLIVAR  
Terminals](#)



[FASTON  
Terminals](#)

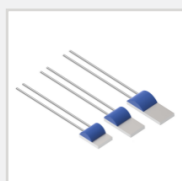


[FASTIN-FASTON  
Terminals](#)



[Positive Lock  
Terminals](#)

### SENSORS



[RTD Platinum  
Sensors](#)



[Relative  
Humidity Sensors](#)



[Thermopile  
Sensors](#)



[Magnetic  
Sensors](#)



[Optical  
Sensors](#)

### TUBING



[Dual Wall Heat  
Shrink Tubing](#)



[LSTT  
Tubing](#)

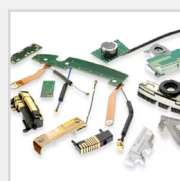


[CGPT  
Tubing](#)

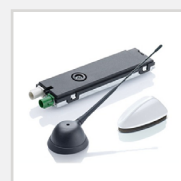
### ANTENNAS



[Embedded  
Antennas](#)



[Custom  
Antennas](#)



[IoT  
Antennas](#)

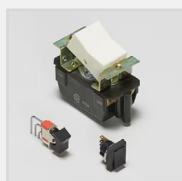
### SWITCHES



[DIP & SIP  
Switches](#)



[Tactile  
Switches](#)



[Rocker  
Switches](#)



[Snap Action  
Switches](#)



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TE, MATE-N-LOK, POWER TRIPLE LOCK, VAL-U-LOK, GRACE INERTIA, AMP-IN, AMP, AMPMODU, MAG-MATE, SIAMEZE, AMPLIVAR, FASTON, FASTIN-FASTON, Positive Lock, MTA, TE Connectivity and TE Connectivity (logo) are trademarks owned or licensed by the TE Connectivity Ltd. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

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# CLEAN HOME. RELIABLE SOLUTIONS.

Laundry Room Product Solutions

# CLEAN HOME, ONE LESS THING TO WORRY ABOUT

Bring convenience and safety to your laundry room with TE Connectivity's (TE) portfolio of connector, sensor and protective component solutions that deliver enhanced functionality, safety, and time saving options. With trends focusing on sustainability and safety, engineers need to design for protection and durability while meeting global safety standards. Life is messy - keep it clean with our robust portfolio of energy-efficient and space-saving technology.



## TE PRODUCT VALUE



### SEALING

Ingress protection (IP) rating for water, dust, and debris in harsh environments



### RELIABILITY

High power and operating temperatures, locking mechanisms, and vibration resistance



### MINIATURIZATION

Compact centerline and smaller construction size



### SIMPLIFICATION

Insulation displacement (IDC) technology, ease of installation, and simplified assembly processes



### SAFETY

Flame retardant material, ergonomic design, and insulation protection



## LAUNDRY ROOM PRODUCT SOLUTIONS

TE Connectivity (TE) offers high-density connector systems and a broad range of connectors, sensors, and protective components to allow migration to smaller sizes as power requirements decrease. User interfaces and modes of operation are becoming more feature-rich within washers, dryers, and air purifiers. We offer the products you need to create a more efficient and reliable connected home. Think smart, worry less by discovering TE's unmatched portfolio of new and innovative product solutions.

### PRODUCT SOLUTIONS

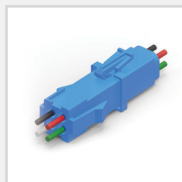
#### POWER CONNECTORS



[Economy Power Connectors](#)



[Micro MATE-N-LOK Connectors](#)



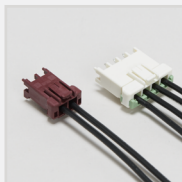
[Mini Universal MATE-N-LOK Connectors](#)



[Universal MATE-N-LOK Connectors](#)



[MTA 156 Connectors](#)



[Power Key Connectors](#)



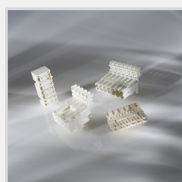
[VAL-U-LOK Connectors](#)



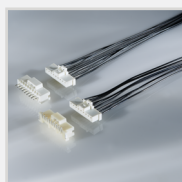
[POWER TRIPLE LOCK Connectors](#)



[Power Double Lock Connectors](#)



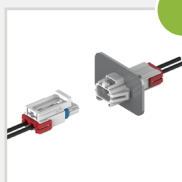
[RAST Connectors](#)



[GRACE INERTIA Connectors](#)



[Dynamic Series Connectors](#)



[Power Versa-Lock Connectors](#)

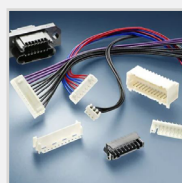
#### SIGNAL CONNECTORS



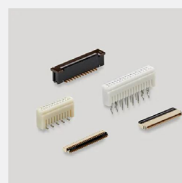
[Signal Double Lock Connectors](#)



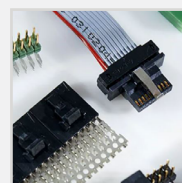
[Signal GRACE INERTIA Connectors](#)



[AMP CT Connectors](#)



[Flexible Printed Circuit \(FPC\) Connectors](#)



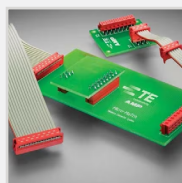
[AMPMODU Connectors](#)



[High Performance Interconnects \(HPI\)](#)



[Mini I/O Connectors](#)



[Micro-MaTch Connector](#)



[MTA 100 Connectors](#)



[AMP Micro CT Connectors](#)



[USB 3.0 Connectors](#)

● New product





## TERMINAL & SPLICES



[MAG-MATE  
Terminals](#)



[Ultra-Fast  
Terminals](#)



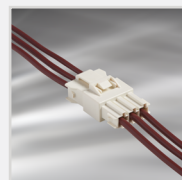
[SIAMEZE  
Terminals](#)



[AMPLIVAR  
Terminals](#)



[FASTON  
Terminals](#)



[FASTIN-FASTON  
Terminals](#)



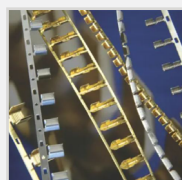
[Positive Lock  
Terminals](#)



[POD-LOK  
Terminals](#)



[Cluster Block  
Terminals &  
Housings](#)



[Wire Splices](#)

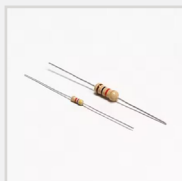


[Ring Terminals  
& Spade Lugs](#)

## RESISTORS



[Chassis Mount  
Resistors](#)



[Through-Hole  
Resistors](#)

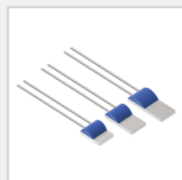


[Surface Mount  
Resistors](#)



[Potentiometers  
Resistors](#)

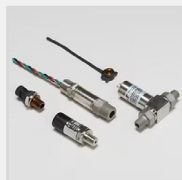
## SENSORS



[RTD Platinum  
Sensors](#)



[Relative  
Humidity Sensors](#)



[Pressure  
Sensors](#)



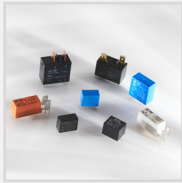
[Piezo Film  
Sensors](#)



## LAUNDRY ROOM PRODUCT SOLUTIONS



### RELAYS



[PC Board Relays](#)



[Potter & Brumfield T9G Relays](#)

### SWITCHES



[DIP & SIP Switches](#)



[Tactile Switches](#)



[Snap Action Switches](#)

### TUBING



[RBK Tubing](#)



[RT-375 Tubing](#)



[ATUM Tubing](#)



[CGPT Tubing](#)

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MATE-N-LOK, POWER TRIPLE LOCK, VAL-U-LOK, GRACE INERTIA, Power Versa-Lock, AMP-IN, AMP, AMPMODU, MAG-MATE, SIAMEZE, AMPLIVAR, FASTON, FASTIN-FASTON, Positive Lock, POD-LOK, ATUM, Micro-MaTch, RBK, MTA, Potter & Brumfield, TE Connectivity and , TE Connectivity (logo) are trademarks owned or licensed by the TE Connectivity Ltd. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

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# THE POWER THAT CONNECTS

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Lawn Tool Product Solutions

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# ENABLING CUTTING EDGE TECHNOLOGY FOR YOUR LAWN

Whether you are engineering a self-driving lawn mower or using a battery-operated weed trimmer or blower, TE Connectivity (TE) builds connectors, sensors, terminals, and splices that are durable and can withstand the harsh weather conditions. We can help take the work out of yard work and provide energy-efficient solutions that power your lawn and garden tools. Your ideal lawn is closer than you think.



## TE PRODUCT VALUE



### SEALING

Ingress protection (IP) rating for water, dust, and debris in harsh environments



### RELIABILITY

High power and operating temperatures, locking mechanisms, and vibration resistance



### MINIATURIZATION

Compact centerline and smaller construction size



### SIMPLIFICATION

Insulation displacement (IDC) technology, ease of installation, and simplified assembly processes



### SAFETY

Flame retardant material, ergonomic design, and insulation protection





## LAWN TOOL PRODUCT SOLUTIONS

Let us do the dirty work and bring powerful solutions to your next tool design. When it comes to safety and reliability TE Connectivity (TE) delivers robust, durable, and cost-saving solutions that protect what matters most. Our products can help keep your tools running efficiently with sustainable solutions that power through the most demanding projects.

### PRODUCT SOLUTIONS

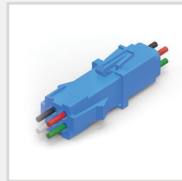
#### POWER CONNECTORS



[Economy Power Connectors](#)



[Micro MATE-N-LOK Connectors](#)



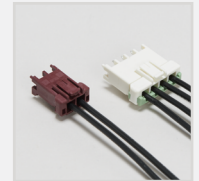
[Mini Universal MATE-N-LOK Connectors](#)



[Universal MATE-N-LOK Connectors](#)



[MTA 156 Connectors](#)



[Power Key Connectors](#)



[VAL-U-LOK Connectors](#)



[POWER TRIPLE LOCK Connectors](#)



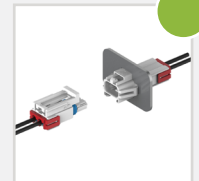
[Power Double Lock Connectors](#)



[Dynamic Series Connectors](#)



[Micro Motor Connectors](#)



[Power Versa-Lock Connectors](#)

#### SIGNAL CONNECTORS



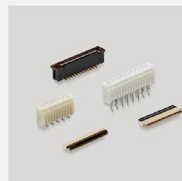
[Signal Double Lock Connectors](#)



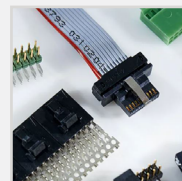
[Signal GRACE INERTIA Connectors](#)



[AMP CT Connectors](#)



[Flexible Printed Circuit \(FPC\) Connectors](#)



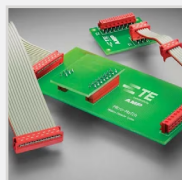
[AMPMODU Connectors](#)



[High Performance Interconnects \(HPI\)](#)



[Mini I/O Connectors](#)



[Micro-MaTch Connector](#)



[Dynamic Series Connectors](#)



[USB 3.0 Connectors](#)



[AMP Micro CT Connectors](#)



[MTA 100 Connectors](#)

● New product



## TERMINAL & SPLICES



[MAG-MATE  
Terminals](#)



[Ultra-Fast  
Terminals](#)



[SIAMEZE  
Terminals](#)



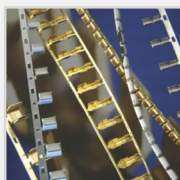
[AMPLIVAR  
Terminals](#)



[FASTON  
Terminals](#)



[Ring Terminals  
& Spade Lugs](#)

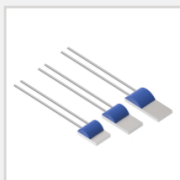


[Wire Splices](#)



[Positive Lock  
Terminals](#)

## SENSORS



[RTD Platinum  
Sensors](#)



[Magnetic  
Sensors](#)



[KMXR  
Sensors](#)

## RESISTORS



[NTC Thermistors  
Resistors](#)

## SWITCHES



[Tactile  
Switches](#)

## TUBING



[ATUM  
Tubing](#)



[CGPT  
Tubing](#)



[HTAT  
Tubing](#)



## SOLUTIONS FOR SENSIFICATION



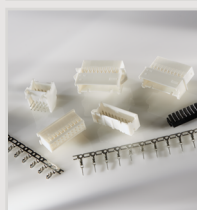
TE Connectivity (TE) sits at the heart of enabling sensification within lawn and garden applications. Our broad product portfolio of connectors, sensors, tubing, terminals, and splices create innovative solutions for pumps, motors, lawn and garden equipment and power tools.

### CONNECTORS



#### Micro MATE-N-LOK Connectors

- Low profile design
- Dual beam receptacle contact design
- Right angle surface mount headers with surface mount hold-downs
- Utilizes standard Micro MATE-N-LOK contacts



#### Economy Power 2.5 Connectors

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



#### 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



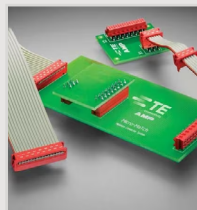
#### HPI Connectors

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



#### Dynamic Series Connectors

- Offers both wire-to-board and wire-to-wire applications
- Provide efficient and reliable device connector solution for multiple systems
- Covers a wide range of expanding connector types



#### Micro-MaTch Cable Assemblies

- Full range of application tooling from hand tool to fully automated equipment
- One of the smallest systems available at 1.27mm



#### M8/M12 Connectors

- Field-installable connectors for high-speed communication
- Environment protection IP67 & IP68
- X-coded connectors support higher bandwidth needs of up to 10 Gb/s

### TERMINALS & SPLICES



#### AMPLIVAR Terminals and Splices

- Up to three magnet wires plus a lead wire in the same crimp
- Cu and Al magnet wire can be combined. Penetrates the magnet wire insulation while simultaneously terminating wire



#### MAG-MATE Terminals

- High speed, fully automated integrated systems provide uniform magnet wire terminations reliably at the lowest possible applied cost
- Accommodates single or double wire termination 30-40 AWG



#### Ring and Spade Terminals

- Versatile mating options support solid or stranded single wire connections
- Offer a range of sizes, materials, configurations and platings to meet specific requirements

### 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



### SENSORS



#### AmbiMate Sensor Module

- Sense motion, light, temperature, humidity, VOCs, eCO<sub>2</sub>, sound on one assembly
- One footprint with multiple attachment methods accommodates varying needs



#### TRICAN HTD 2800 Sensor

- Provides digital output signals for relative humidity, temperature and pressure from a single device
- Rugged sensor is optimized for high humidity, high temperature harsh environments



#### Humidity Temperature Sensor

- Full interchangeability with no calibration required in standard conditions
- Instantaneous desaturation after long periods in saturation phase
- Compatible with automatized assembly processes



#### NTC Thermistors

- Discrete Negative Temperature Coefficient thermistors, probes and assemblies meet a range of temperature sensing needs
- While miniature in size, they offer long term stability, accuracy and precision



#### FX29 Force Sensor

- Compact compression load cell features robust packaging, fast response time and low output noise
- Offers millivolt, amplified analog or digital output signal



#### KMX9 Linear Position Sensor

- Able to withstand a multitude of harsh environments
- Magneto resistive technology delivers contactless measurement with precise, high resolution
- Packages support multiple orientations



#### DOG2 MEMS-Series inclinometer

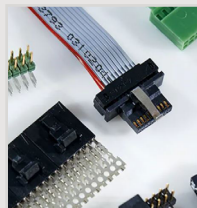
- Features digital signal processing to include temperature compensation
- Integrated filter improves performance
- Adjustable sensor to fit different environments can yield an optimized performance



## SOLUTIONS FOR USER INTERFACE

Our broad portfolio of connectors, sensors, relays, and tubing allow optimization within user interface systems. With proven quality, reliability and efficiency, our products will help meet innovative design requirements. Whether designing a display or control system for a lawn mower, power tool, pump, motor or other application, TE's solutions help simplify your process and improve designs for the next generation of lawn and garden applications.

### CONNECTORS



#### AMPMODU MTE Connectors

- Design offers latching and polarization
- Coupling shrouds permit ganging for single or double row latching connectors
- Available in three platings
- wire range 32 - 20 AWG



#### VAL-U-LOK Connectors

- Wire-to-wire and wire-to-board pin and socket connector system
- Centerline pitch .165" [4.20mm]
- Up to 13A max. current rating for new high current types, 9A for legacy types



#### 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



#### Signal Double Lock Connectors

- Centerline: 2.5mm
- Current Rating: 3A
- Voltage rating: 250V
- Choice of V-0 rated material or GWT and V-0 rated material



#### AMP-LATCH Connectors

- Offers quick, reliable connections without stripping, prepping wires
- Offer a reliable gas tight connection between ribbon cable and PCBs
- Mass termination capabilities



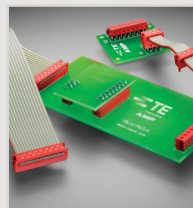
#### Economy Power 2.5 Connectors

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



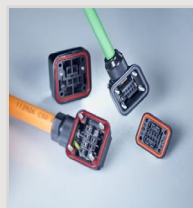
#### Economy Power Connectors

- 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



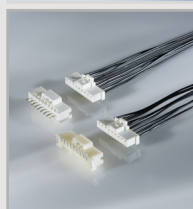
#### Micro-MaTch Cable Assemblies

- Full range of application tooling from hand tool to fully automated equipment
- One of the smallest systems available at 1.27mm



#### Micro Motor Connectors

- Power and brake abilities combined into one connector
- Micro Motor utilizes standard cable sizes
- Meets both European and American standards



#### 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



#### Mini I/O Connectors

- Increased reliability and vibration resistance
- Up to Cat6A performance when used in Industrial Ethernet applications
- Enables wire-to-wire connections



#### Dynamic Series Connectors

- wire-to-board, wire-to-panel, and wire-to-wire
- Provide efficient and reliable device connector solution for multiple systems
- Covers a wide range of expanding connector types



#### MTA 100 Connectors

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

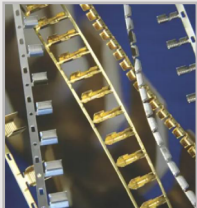


### TERMINALS & SPLICES



#### [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
- Accommodate solid or stranded wire — copper, aluminum or a combination of both



#### [Ultra-Fast Terminals](#)

- Fully insulated tabs and receptacles are color coded by wire size
- Terminate 26-10 AWG solid, fused and stranded wire (flags terminate stranded wire only)



#### [SIAMEZE Terminals](#)

- Insulation displacement connection terminals for magnet wires and solid or stranded lead wires
- Broad range of input/output options

### SWITCHES



#### [Tactile Switches](#)

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

### 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



#### [RZ Power PCB Relays](#)

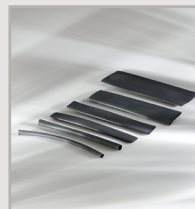
- Weld breaker mechanism overcomes micro welding to help improve life
- Approved at UL, VDE and CQC
- 1 form A and 1 form C contacts with ratings to 16A

### 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



#### [VERSAFIT Heat Shrink Tubing](#)

- Offers a highly flame-retarded polyolefin heatshrinkable tubing
- Meets stringent requirements of UL 224 VW-1 and CSA and is recommended for use in applications requiring highest level of flame retardance

## SOLUTIONS FOR MOTORS



Whether you are designing power tools, lawn and garden equipment or creating new designs for motors and pumps, TE is committed to providing a broad product portfolio to help optimize lawn and garden applications. Our portfolio of connectors, tubing, terminals and splices provides cost-efficient and reliable solution for the next generation of lawn and garden applications.

### CONNECTORS



#### Micro MATE-N-LOK Connectors

- Low profile design
- Dual beam receptacle contact design
- PCB mount pin header assemblies
- Utilizes standard Micro MATE-N-LOK contacts



#### Economy Power II Connectors

- .156" [3.96mm] pitch
- Rated 600VAC at up to 11A
- Well-suited for delivering power to the board with up to 12-positions
- Offer two levels of mechanical and electrical reliability



#### Economy Power 2.5 Connectors

- 2.5mm compact centerline rated for 250VAC at up to an industry-leading 4.2A
- Achieve easy mating and unmating with positive audible latch
- Prevent post misalignment with polarization tabs



#### VAL-U-LOK Connectors

- Wire-to-wire and wire-to-board pin and socket connector system
- Pitch: .165" [4.20mm]
- Up to 13A max. current rating for new high current types, 9A for legacy types



#### HPI Connectors

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



#### AMP 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



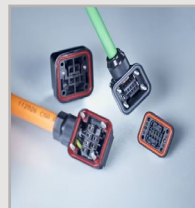
#### Power Double Lock Connectors

- 1-12 position WTW or WTB
- Audible click when contact is fully inserted into the housing
- Board-mounted headers are compatible with resin or conformal coatings



#### POWER TRIPLE LOCK Connectors

- 6mm centerline, rated to 20A, 600 VAC/VDC
- Polarization and keying
- Multiple points of contact and anti-fretting lubricant on terminals
- Three way locking



#### Micro Motor Connectors

- Power and brake abilities combined into one connector
- Micro Motor utilizes standard cable sizes
- Meets both European and American standards



#### Universal MATE-N-LOK Connectors

- Centerline: 6.35mm
- Current Rating: 19A
- 600 VAC or VDC
- Flammability: UL 94 V-0, UL 94 V-2, GWT
- Optional seals available



#### Dynamic Series Connectors

- Offers both wire-to-wire and wire-to-board applications
- Provide efficient and reliable device connector solution for multiple systems
- Covers a wide range of expanding connector types





## TERMINALS & SPLICES



### AMPLIVAR Terminals and Splices

- Up to three magnet wires plus a lead wire in the same crimp
- Cu and Al magnet wire can be combined
- Penetrates the magnet wire insulation while simultaneously terminating wire



### FASTON Terminals

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



### MAG-MATE Terminals

- High speed, fully automated integrated systems provide uniform magnet wire terminations reliably at the lowest possible applied cost
- Accommodates Cu or Al wire



### Ring and Spade Terminals

- Versatile mating options support solid or stranded single wire connections
- Offer a range of sizes, materials, configurations and platings to meet specific requirements



### Ultra-Fast Terminals

- Fully insulated tabs and receptacles are color coded by wire size
- Terminate 26-10 AWG solid, fused and stranded wire (flags terminate stranded wire only)



### SIAMEZE Terminals

- Insulation displacement connection terminals for magnet wires and solid or stranded lead wires
- Broad range of input/output options



### Positive Lock Receptacles and Housings

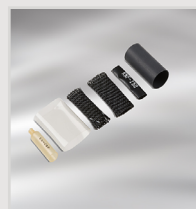
- Low insertion force/high retention
- Available for wide range of wire sizes and enhanced reliability to ensure a total solution

## TUBING



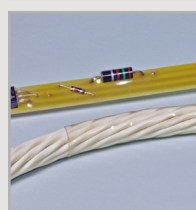
### SWFR Heat Shrink Tubing

- 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
- Highly flame-retardant with UL VW-1 and CSA OFT flammability rating



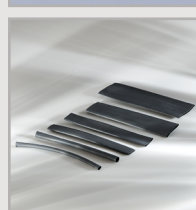
### Specialty Heat Shrink Tubing

- High performance tubing for demanding requirements
- Available in a variety of materials, colors, shrink ratios, and sizes
- Offers alternative high-performance options for wide-reaching applications



### HT-200 Heat Shrink Tubing

- High flame-resistance meets the requirements of AMS-DTL-23053, Test C and ASTM D2671, Procedure C
- High temperature performance meets or exceeds military and industrial standards
- Offers protection from most industrial solvents, fuels and chemicals



### VERSAFIT Heat Shrink Tubing

- Offers a highly flame-retarded polyolefin heatshrinkable tubing
- Meets stringent requirements of UL 224 VW-1 and CSA and is recommended for use in applications requiring highest level of flame retardance.

## SOLUTIONS FOR POWER SYSTEMS



TE Connectivity's (TE) cost-effective connectivity solutions are enhancing power systems within lawn and garden applications. Our products enable efficient, smarter, and more connected devices. With proven quality and reliability, TE can simplify design processes and help optimize devices with a full product solution.

### CONNECTORS



#### Signal Double Lock Connectors

- Centerline: 2.5mm
- Current Rating: 3A
- Voltage rating: 250V
- Choice of V-0 rated material or GWT and V-0 rated material



#### 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



#### Power Double Lock Connectors

- 1-12 position WTW or WTB
- Audible click when contact is fully inserted into the housing
- Board-mounted headers are compatible with resin or conformal coatings



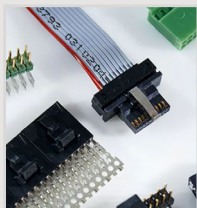
#### Micro MATE-N-LOK Connectors

- Low profile design
- Dual beam receptacle contact design
- PCB mount pin header assemblies
- Utilizes standard Micro MATE-N-LOK contacts



#### VAL-U-LOK Connectors

- Wire-to-wire and wire-to-board pin and socket connector system
- Centerline pitch .165" [4.20mm]
- Up to 13A max. current rating for new high current types, 9A for legacy types



#### AMPMODU MTE Connectors

- Design offer latching and polarization
- Coupling shrouds permit ganging for single or double row latching connectors
- Available in three platings
- Multiple solder tail lengths available to accommodate different PCB thicknesses



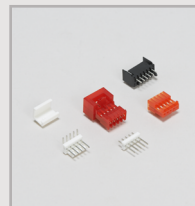
#### Signal GRACE INERTIA Connectors

- Design assures proper insertion, preventing header pin deformation
- Inertia locking mechanism assure terminal seating and helps prevent unintended disconnection
- Lanceless contacts prevent snagging



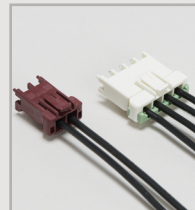
#### Universal MATE-N-LOK Connectors

- Centerline: 6.35mm
- Current Rating: 19A
- 600VAC or VDC
- Flammability: UL 94 V-0, UL 94 V-2, GWT
- Optional seals available



#### MTA Connectors

- Color coded housing for wire gage
- Tin, 15 and 30 gold plating options for a wider variety of connector options
- Audible latch for wire-to-wire (posted) housings
- Mass termination for low applied cost



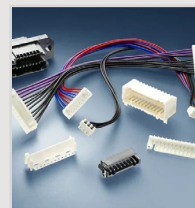
#### Power Key Connectors

- 5mm pitch WTB connector system
- R-saped design figure eases working conditions
- Four color and physical keying options help prevent mis-mating



#### Economy Power 2.5 Connectors

- 2.5mm centerline with rating to 4.2A
- Achieve easy mating/unmating with positive audible latch
- Prevent post misalignment with polarization tabs



#### AMP Mini CT Connectors

- Provide design flexibility for wire-to-wire and wire-to-board connections in space limited applications
- 1.5mm centerline
- Circuits range from 2-20 single row and 20-40 dual row, IDC AWG 26-28 , Crimp AWG 24-28



## TERMINALS & SPLICES



### Positive Lock Terminals and Housings

- Low insertion force/high retention
- Available for a wide range of wire sizes, offering enhanced reliability in standard and high temperature versions



### AMPLIVAR Terminals and Splices

- Up to three magnet wires plus a lead wire in the same crimp
- Cu and Al magnet wire can be combined
- Penetrates the magnet wire insulation while simultaneously terminating wire



### FASTON Terminals

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



### MAG-MATE Terminals

- High speed, fully automated integrated systems provide uniform magnet wire terminations reliably at the lowest possible applied cost
- Accommodates Cu or AL wire



### Ring and Spade Terminals

- Versatile mating options support solid or stranded single wire connections
- Offer a range of sizes, materials, configurations and platings to meet specific requirements



### Ultra-Fast Terminals

- Fully insulated tabs and receptacles are color coded by wire size
- Terminate 26-10 AWG solid, fused and stranded wire (flags terminate stranded wire only)

## SWITCHES



### Tactile Switches

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

## 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



### Specialty Heat Shrink Tubing

- High performance tubing for demanding requirements
- Available in a variety of materials, colors, shrink ratios, and sizes
- Offers alternative high-performance options for wide-reaching applications



### DWFR Heat Shrink Tubing

- Able to be easily installed using multiple types of heating tools, ranging from basic heat guns to conveyor-equipped ovens
- Consists of a polyolefin jacket and thermoplastic inner adhesive wall



### VERSAFIT Heat Shrink Tubing

- Offers a highly flame-retarded polyolefin heatshrinkable tubing
- Meets stringent requirements of UL 224 VW-1 and CSA and is recommended for use in applications requiring highest level of flame retardance

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