

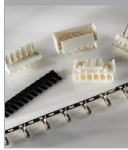


## Solutions For Power Cords In Home Appliances

**At TE Connectivity (TE), our cost-effective connectivity solutions are helping to optimize home appliance applications.**

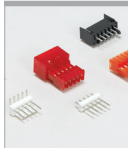
TE Connectivity's (TE) broad portfolio of connectors, relays, and tubing products allow you to optimize power cords for home appliances. With proven quality and reliability, our solutions will help you get your product to market fast. Whether you are designing a power cord for a blender or mixer, coffeemaker, 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

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



### 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



### VAL-U-LOK Connectors

- Ratings up to 9A per line in a 4.2mm pitch WTW or WTB 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

## TERMINALS & SPLICES



### FASTON Terminals

- Insulated and uninsulated, straight and flag configurations
- Stress relieved and non-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

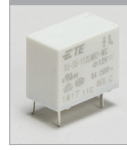
- Versatile mating options support solid or stranded single wire connections
- Offer a range of sizes, materials, configurations and platings to meet specific requirements



### 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)

## 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



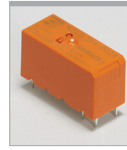
### PCH Series Relays

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



### PCJ Series Relays

- 1 form A (NO) contacts are rated 5 amps
- Slim (7mm wide) design saves board space and is offered in flux proof and wash tight versions
- Sensitive coil requires only 200mW of coil power



### RZ Power PCB Relay

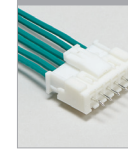
- Global standard platform for 16 Amp applications
- Designed to overcome micro welding in the contact interface to improve life time
- Standard versions for 85°C ambient temperature and high temperature versions for 105°C



### T9A Series Relays

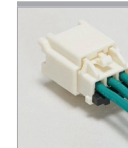
- Save PCB space with the smallest relay in its class while maintaining standard footprint
- Achieve a global relay solution with both UL, CQC and VDE certifications
- Help provide operator safety through increased insulation (UL 61810-1)

## SIGNAL CONNECTORS



### Economy Power 2.5mm Connectors

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



### 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

- 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

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