



Solutions For Motors 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, sensors, relays, and tubing products allow you to optimize motors within home appliances. With proven quality and reliability, our solutions will help you get your product to market fast. Whether you are designing a motor for a blender, air treatment product, 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



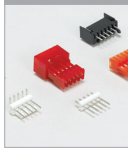
Economy Power II Connectors

- .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

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



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

SIGNAL CONNECTORS



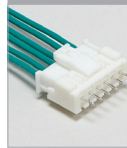
AMP CT Connectors

- 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



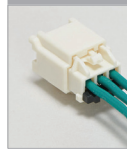
CST Connectors

- 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



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



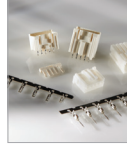
High Performance Interconnects (HPI)

- 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: 50 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



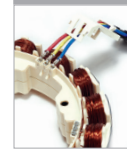
FASTIN-FASTON Terminals

- 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



FASTON Terminals

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



MAG-MATE Terminals and Splices

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



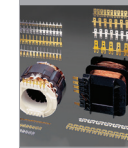
Positive Lock Terminals and Housings

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



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



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



Ultra-Fast Terminals

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

TUBING



SWFR Heat Shrink Tubing

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

SWITCHES



Tactile Switches

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

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