



Solutions For Heaters 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 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 confirms contact insertions. Double lock plate provides for complete loading of contacts



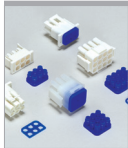
Micro MATE-N-LOK Connectors

- Low profile design
- Dual beam receptacle contact design
- PCB mount pin header assemblies



RAST Power Connectors

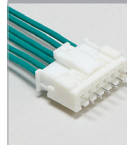
- Achieve high vibration performance and reliability with polarized latching receptacle, and reduce termination time with insulation displacement option
- 250 VAC, 2-16A Current Rating



Universal MATE-N-LOK Connectors

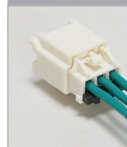
- Centerline: 6.35mm
- Current Rating: 19A
- Voltage Rating: 600 VAC
- Flammability: UL 94 V-0, UL 94 V-2
- 250 VAC, 2-16A Current Rating

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

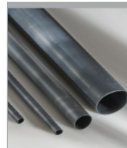
- Design assures proper insertion, preventing header pin deformation
- Inertia locking mechanism helps prevent unintended disconnection
- Lanceless contacts prevent snagging or entanglement

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



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 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



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)

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