

Solutions for Motors within Lawn and Garden Applications

At TE Connectivity (TE), our cost-effective connectivity solutions are helping to optimize lawn and garden applications.

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



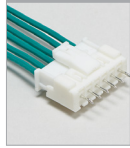
Micro MATE-N-LOK Connectors

- 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 centerline with rating to 4.2
- 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



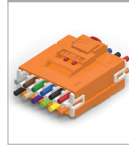
AMP Mini CT Connectors

- 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



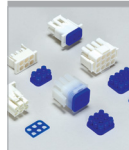
POWER TRIPLE LOCK Connectors

- 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
- Voltage Rating: 600 VAC
- 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



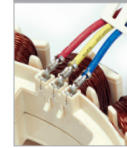
AMPLIVAR Terminals and Splices

- 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.

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