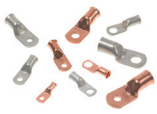
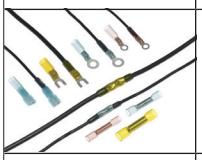
molex®

Solderless Terminals

A wide variety of reliable, high-quality solderless solutions that include terminals, splices, quick disconnects and wire management products that meet the interconnect needs of the electrical and industrial markets

SOLDERLESS TERMINALS

Terminals	Product	Description	Industries Served
	Krimptite™	• Non-insulated one piece design is the most economical and ideal for applications which need no special features. Wire range: 10 to 22 AWG • Full length rolled barrel style with butted seam	Automotive, Commercial Vehicle and Industrial Automation
	InsulKrimp™	• Butted seam terminals feature a polyvinyl chloride(PVC) insulation sleeve attached to a Krimptite barrel (10 to 22 AWG), or the brazed-seam Versakrimp barrel (4/0 to 8 AWG) • Insulation sleeve prevents vibration damage and prevents wire flex at point of crimp • Funnel wire entrance eliminates wire strand “hang up”	Automotive, Commercial Vehicle and Industrial Automation
	VersaKrimp	• Features a brazed barrel seam bonded with special silver brazing alloy. Will not open under stress or wire pull • Versakrimp barrel is tough and versatile, guaranteed not to split and may be crimped from any direction • Ideal for difficult to crimp solid and stranded wires; wire range: 22-3/0 AWG • Metric stud sizes available	Automotive, Commercial Vehicle and Industrial Automation
	AviKrimp™	• Ultimate in high performance terminal design and construction with color coded barrel styles. • A tin plated brass sleeve strengthens the barrel and protects against stress and high vibration • Features a permanently attached nylon insulating sleeve and a funnel ferrule wire entrance to eliminate wire strand “hang-up”, increase reliability and crimping rates. Wire range: 26-10 AWG • Military approved MS-25036 QPL Class 1 terminals • Metric stud sizes available	Automotive, Commercial Vehicle and Industrial Automation
	Battery Cable Lugs	• Seamless barrel design so no special orientaiton in crimp tool required • AWG wire size and stud size identification on barrel for part identification • Uses industry standard tool which minimizes customer capital investment	Commercial Vehicle and Industrial
	NylaKrimp™	• Designed for larger wire applications and where high temperatures or vibration levels are expected. • A color coded nylon insulating sleeve is permanently affixed to the barrel. • Funnel entrance insulator eliminates wire strand hang up, and increases crimping rates. Wire range: 8-4/0 AWG.	Automotive, Commercial Vehicle and Industrial Automation
	Perma-Seal	• Tough and durable, resists abrasion and cutting; long lasting moisture proof connection • Shrinks up to 40% faster than nylon or polyolefin and lined with a hot melt adhesive to seal the connection • Insulation made of NiAc™, a third generation material with excellent abrasion and chemical resistant properties	Automotive, Commercial Vehicle, Consumer and Industrial
	MagKrimp	• Sharp teeth or serrations that penetrate the insulating varnish on magnet wire and eliminates stripping of wire • Accommodates round, square or rectangular magnet wire to provide versatility • Open barrel design allows for easy placement of square bar stock into barrel	Industrial Automation
	High Temperature Temp Terms - Krimptite and VersaKrimp	• Material and plating suitable for elevated temperatures from 150 to 650°C • 22 to 10 AWG crimp barrels cover a broad range of wire sizes and current ratings • UL and CSA approved for use in high temperature electrical applications	Industrial Automation

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Ordering Information

SPLICES

Terminals	Product	Description	Industries Served
	Splices	• Butt splices: For simple, easy field repair or replacement where the wires are ”butted” end-to-end • Parallel splices: multiple size conductors can be laid on top of one another and crimped in a small space • Window Butt Splices: Easy viewing through the insulation to ensure the wires are fully inserted before crimping • Closed end Connector: Provides easy and secure crimp for two or more wires • Perma-Seal: Heat-shrinkable splice for harsh environment and a complete sealed connection • Step-Down Butt: Splices two different wire gauges • Specialty Splices: Wire Taps for tapping existing wire using insulation displacement for disconnect when used with a male quick disconnect	Aerospace and Defense, Automotive and Consumer

WIRE PINS

Terminals	Product	Description	Industries Served
	Wire Pins	• Fits all popular pin-type (European) terminal blocks • AWG wire size and stud size identification on barrel • Use an industry standard tool for economy	Industrial Automation

QUICK DISCONNECTS

Terminals	Product	Description	Industries Served
	Quick Disconnects	• Accommodates multiple standard tab sizes for flexibility on a wide variety of applications • Partially or Fully insulated to ensure optimum safety from electric shock • Available in Insulkrimp or Avikrimp; Insulation strain relief to ensure safety from electric shock • Designed for dense packaging requirements with lower profile height than the competitors • See through insulator for fast quality control, funnel entrance to increase crimping rates and wire stop stamped into barrel prevents insertion of over-stripped wires	Automotive, Consumer and Industrial
	Snap Plugs and Receptacles	• Available in Krimptite ™, InsulKrimp™ and Avikrimp™ versions • Designed to SAE J928 standard to make it intermatable with other industry standard plugs and receptacles • Pin and Socket terminals designed for multiple connections and disconnections	Commercial Vehicle and Consumer

QUIXON

Terminals	Product	Description	Industries Served
	Quixon	• Low insertion force to mate easily with UL-compliant male tabs and maintains high retention force • Side-relief cut design makes blind mating easy and accomodates a slight angle during mating • Un-insulated, partially or fully insulated versions available for safety requirements and various applications	Automotive, Consumer and Industrial

PCB TABS

Terminals	Product	Description	Industries Served
	PCB Tabs	• Industry standard widths to provide drop-in replacement to competitor products • Available with tab support to stabilizes tab on board, and keep tab straight during soldering • Multiple tab heights or lengths available	Automotive and Consumer

www.molex.com

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