






# Solderless Terminals >

Reliable, high-quality solderless solutions that include ring and spade terminals, splices, quick disconnects and wire management products help electronics and manufacturing customers meet a wide variety of interconnect needs in a range of markets.








## Ring and Spade Terminals


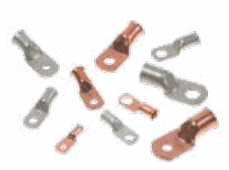




	BARREL STYLE	WIRE SIZE	DESCRIPTION
<b>Standard Ring and Spade</b> 	Avikrimp InsulKrimp Krimptite NylaKrimp VersaKrimp	22 to 10 AWG	<ul style="list-style-type: none"> <li>Insulated versions offer either polyvinyl chloride (PVC) or nylon insulation and are rated for operating temperatures up to 105°C</li> <li>Uninsulated one-piece design with either a butted or brazed seam is the most economical and ideal for applications that need no special features</li> <li>Uninsulated terminals can be insulated after termination with heat-shrink tubing available from Molex</li> </ul>
<b>Metric Ring</b> 	Avikrimp VersaKrimp	0.50 to 6.00mm <sup>2</sup>	<ul style="list-style-type: none"> <li>Enables universal use with metric studs or screws up to 10.00mm and wire sizes up to 6.00mm<sup>2</sup></li> <li>Meets UL requirements when crimped with Molex recommended tooling</li> </ul>
<b>High Temperature</b> 	Krimptite VersaKrimp	22 to 10 AWG	<ul style="list-style-type: none"> <li>Material and plating suitable for elevated temperatures from +150 to +650°C</li> <li>UL- and CSA-approved for use in high-temperature electrical applications</li> </ul>
<b>Quick Disconnects</b>			
<b>Quixon</b> 	Avikrimp InsulKrimp	22 to 10 AWG	<ul style="list-style-type: none"> <li>Low insertion force permits easy mating with UL compliant male tabs and offers high retention force</li> <li>Side relief cut design eases blind mating and accommodates slight mating angle</li> <li>Uninsulated, partially or fully insulated versions available</li> </ul>
<b>Loxon</b> 	VibraKrimp	20 to 10 AWG	<ul style="list-style-type: none"> <li>Features positive lock to prevent loose connections or accidental separation in high-vibration or continuous shock applications</li> <li>Mates with 6.35 by 0.81mm male tabs with hole</li> <li>Can be used uninsulated or fully insulated after termination using 94V-0 or 94V-2 housings</li> </ul>

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## Quick Disconnects

		BARREL STYLE	WIRE SIZE	DESCRIPTION
Piggyback		Avikrimp InsulKrimp Krimptite	22 to 10 AWG	<ul style="list-style-type: none"> <li>Allows for two or more wires to be connected to a single male tab</li> <li>Connect another piggyback or standard quick disconnect to facilitate multiple connections to a single point</li> </ul>
Flags		Avikrimp InsulKrimp Krimptite	22 to 10 AWG	<ul style="list-style-type: none"> <li>Fully insulated or uninsulated versions</li> <li>Available loose piece, Mylar tape on reels or metal strip on reels</li> </ul>
Standard Quick Disconnects		Avikrimp InsulKrimp Krimptite VibraKrimp	26 to 10 AWG	<ul style="list-style-type: none"> <li>Accommodate multiple standard tab sizes for flexibility</li> <li>Partially or fully insulated to ensure optimum safety from electric shock</li> <li>Compact design for dense applications, with lower profile height than competitors</li> <li>See-through insulator enables rapid quality control while funnel entrance improves crimping rates</li> <li>Wire stop stamped into barrel helps prevent insertion of over stripped wires</li> </ul>
PCB Tabs		Solder Tails	22 to 10 AWG	<ul style="list-style-type: none"> <li>Industry-standard widths to provide drop-in replacement to competitors' products</li> <li>Available with tab support to stabilize tab on board and keep tab straight during soldering</li> <li>Multiple tab heights and lengths available</li> </ul>
Snap Plugs and Receptacles		Avikrimp Krimptite InsulKrimp	22 to 14 AWG	<ul style="list-style-type: none"> <li>Designed to SAE J928 standard to make product intermateable with other industry-standard plugs and receptacles</li> <li>Pin and socket terminals designed for multiple connection/disconnection cycles</li> </ul>

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		BARREL STYLE	WIRE SIZE	DESCRIPTION
<b>Perma-seal</b>				
Perma-Seal		-	22 to 8 AWG	<ul style="list-style-type: none"> <li>Rugged, durable, environmentally sealed connection resists abrasion and cutting and offers a long-lasting moisture-proof connection</li> <li>Heat-shrink insulation shrinks up to 40% faster than nylon or polyolefin while hot-melt adhesive lining seals the joint and helps repel moisture incursion</li> <li>NiAc insulation boasts excellent abrasion and chemical resistance properties</li> <li>Available with splices, ring and spade or quick-disconnect</li> </ul>
<b>Battery Cable Lugs</b>				
Battery Cable Lugs		Seamless	8 AWG to 4/0	<ul style="list-style-type: none"> <li>Seamless barrel design does not require specific orientation in crimp tool</li> <li>AWG and stud size identification on barrel for easy part identification</li> <li>Uses industry-standard crimp tool to minimize initial capital investment</li> </ul>
<b>Splices</b>				
Butt Splices		Avikrimp InsulKrimp Krimptite NylaKrimp VersaKrimp	22 AWG to 4/0	<ul style="list-style-type: none"> <li>Provides simple, easy field repair or replacement where wires are "butted" end to end</li> <li>Window butt splices are available, with easy viewing through the insulation to ensure wires are fully inserted before crimping</li> <li>Step-down butt splices to splice two different wire gauges are available</li> </ul>
Parallel Splices		InsulKrimp NylaKrimp VersaKrimp	22 AWG to 4/0	<ul style="list-style-type: none"> <li>Multiple-size connectors can be laid on top of one another and crimped in a small space</li> <li>Specialty splices available for tapping an existing wire using insulation displacement for disconnect when used with a male quick disconnect</li> </ul>
Closed-End Connectors		InsulKrimp	26 to 8 AWG	<ul style="list-style-type: none"> <li>Provides easy and secure crimping for two or more wires</li> <li>Insulated and twist-lock options available</li> </ul>
<b>Wire Pins</b>				
Wire Pins		Avikrimp InsulKrimp Krimptite	22 to 10 AWG	<ul style="list-style-type: none"> <li>Fits all popular clamping-type touch-safe (European) terminal blocks</li> <li>Available loose piece or Mylar tape in reels</li> <li>Uses industry-standard crimp tool to minimize initial capital investment</li> </ul>

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Barrel Style	Description
AviKrimp	<ul style="list-style-type: none"> <li>• Ultimate in high-performance terminal design and construction with color-coded barrel styles</li> <li>• Tin-plated Brass sleeve strengthens the barrel and protects against stress and high vibration by securely crimping around wire insulation</li> <li>• Features a permanently attached nylon insulating sleeve and a funnel ferrule wire entrance to eliminate wire strand "hang-up" and increase reliability and crimping rates</li> <li>• Military-approved MS-25036 QPL Class 1 terminals</li> <li>• Metric stud sizes available</li> </ul>
InsulKrimp	<ul style="list-style-type: none"> <li>• Butted seam terminals feature a PVC insulation sleeve attached to a Krimptite barrel (10 to 22 AWG) or brazed-seam VersaKrimp barrel (4/0 to 8 AWG)</li> <li>• Insulation sleeve prevents vibration damage and prevents wire flex at point of crimp</li> <li>• Funnel wire entrance eliminates wire strand hang-up</li> </ul>
Krimptite	<ul style="list-style-type: none"> <li>• Non-insulated one-piece design is the most economical, ideal for applications that need no special features</li> <li>• Full-length rolled barrel style with butted seam</li> </ul>
NylaKrimp	<ul style="list-style-type: none"> <li>• Designed for larger wire applications from 4/0 to 8 AWG and where high temperatures or vibration levels are expected</li> <li>• Color-coded nylon insulating sleeve is permanently affixed to the barrel</li> <li>• Funnel entrance insulator helps eliminate wire strand hang-up and increases crimping rates</li> </ul>
VersaKrimp	<ul style="list-style-type: none"> <li>• Features a brazed barrel seam bonded with special Silver brazing alloy to prevent opening under stress or wire pull</li> <li>• Tough and versatile barrel that is designed not to split and can be crimped from any direction</li> <li>• Ideal for difficult-to-crimp solid and stranded wires, with 3/0 to 22 AWG wire sizes and metric stud sizes available</li> </ul>
VibraKrimp	<ul style="list-style-type: none"> <li>• Double-crimp style termination for both conductor and wire insulation crimp that provides strain relief in high-vibration environments</li> </ul>

## APPLICATIONS

### Automotive

Gauges  
Control unit modules  
Battery packs  
Body electronics

### Commercial Vehicle

Vehicle accessories  
Marine components  
Construction vehicle harnesses  
Tractors and lawn/garden equipment  
Agricultural machinery

### Industrial Automation

CNC machinery  
Sensing equipment  
Industrial robotics  
Electronic controls



Control Unit Modules



Construction Vehicle Harnesses



Industrial Robotics

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