

# FLEXIBLE GROUND STRAPS

The 90° bends allow the customers to fit these grounding straps into systems that have space constraints.

NPI EXTENSION

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# Flexible Ground Straps

Molex Off-the-Shelf Grounding Jumper solutions enable safe management of high-power distribution. These grounding jumpers are available in a variety of configurations, including flat ended and with 90° bends. The lengths and termination points are customizable to fit many customer applications.

## Key Product Information

Category: Off-the-shelf Grounding Jumpers  
Current (max.): Up to 150.0 A  
Material: Copper braid  
Plating: Electro-plated Tin Copper



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Series  
207602    Flexible Ground Strap



# Vital Product Information

## Flexible Ground Straps

What makes this product different from the competition?

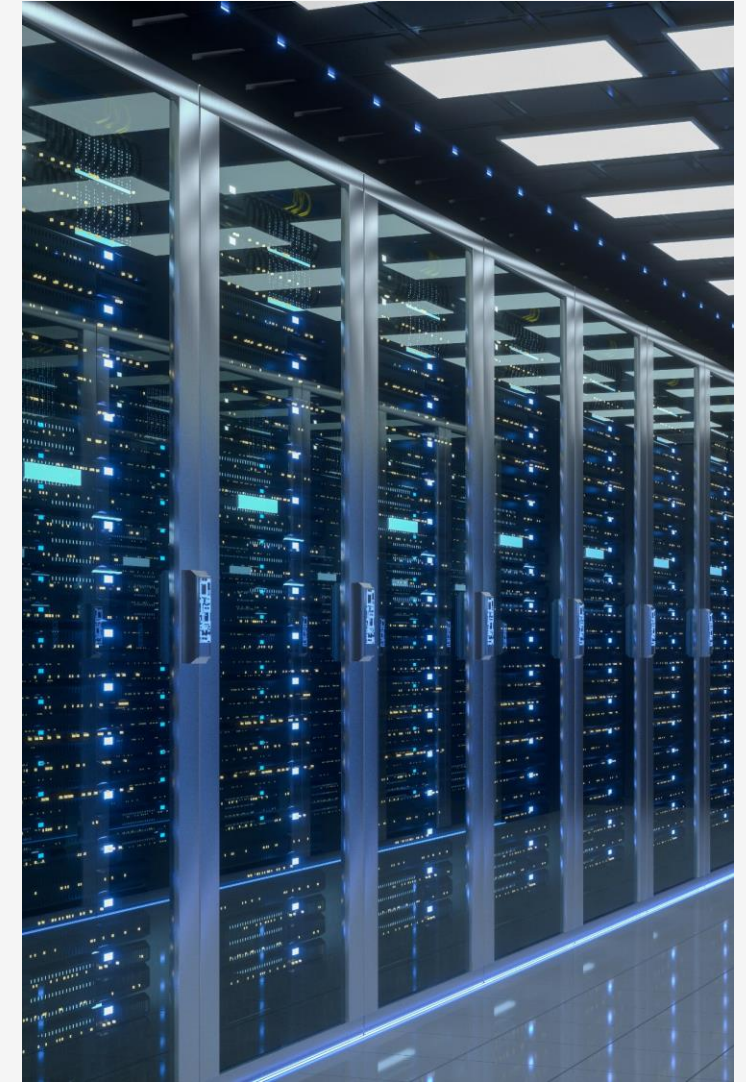
Molex has set a new standard in space-saving connections with the latest iterations of general market ground straps. While most braided straps available today are flat, there are now versions that include 90° to flat terminals, and 90° to 90° terminals, in addition to the flat-to-flat terminal versions.

How does this product/solution create value for our customers?

The need for grounding is very important with today's increased power requirements. The customers have unique applications which means that one singular design may not work. Hence, two new variations are added which must allow the customers to have more choice while deciding on which ground strap will work for them.

What is the Molex advantage?

Global manufacturing capability, robust engineering support, and the latest and most high-performance components make Molex a unique partner in finding capability solutions.



# Product Overview

## Flexible Ground Straps

### Safe Solution

Grounding jumpers protect operators and equipment from electrostatic discharge (ESD), directing electric currents to a safe ground. Grounding Jumpers have cold formed terminals, giving them rugged connectivity, reduced thermal resistance, and increased pull-out strength.

### Design Flexibility

Grounding Jumpers provide adaptability to varying environments and space constraints. The lengths and terminations offer a variety of orientations to deliver design flexibility. Our ground straps are available with and without heat-shrink insulation.

### Reliable and Robust

Grounding Jumpers can withstand harsh environments and vibrations in various applications, which means more reliability and robustness. These jumper cables are appropriate for industrial, datacenter, and emobility applications.

# Markets and Applications

## Flexible Ground Straps



*Servers*



*Industrial Automation Equipment*



*Railway Transport*

### NETWORKING

- Servers
- High-end computers

### INDUSTRIAL AUTOMATION

- Mining utilities
- Electrical enclosures
- Electrical panel doors
- Fences and gate jumpers
- Generators and transformers
- Power and utility boards
- Other equipment used in static grounding
- Factory automation equipment

### COMMERCIAL VEHICLES

- Agriculture equipment
- Railway transport
- Trucks, vans and buses
- Heavy duty construction equipment
- Marine vehicles

# Product Advantages and Features

## Flexible Ground Straps

### Helps ensure quality, safety and Reliability

The Grounding Jumpers are UL-certified that enable safe management of high-power applications and customized versions offer variable lengths and terminations ensuring reliability.

### Offers increased cross-sectional contact area and pull-out strength

The cold formed terminals provide around 93% solid compression in the termination area, providing rugged connectivity, reducing thermal resistance and increasing pull-out strength.

### Provides adaptability to varying environments and space constraints

Grounding Jumper solutions are offered with a 90-degree bend on one or both ends, which allows for use in a variety of different applications.

Key Specifications

Category	Off-the-shelf grounding jumpers
Current (max.)	Up to 150.0 A
Material	Copper braid
Plating	Electro-plated Tin Copper

# Product Specifications

## Flexible Ground Straps

### Reference Information

UL File No.: E198234, Vol. 2  
Designed in: Millimeters and inches

### Electrical

Current (max.): Up to 150.0 A

### Physical

Material: Copper braid  
Ferrules: Compressed seamless Copper tube braid  
Plating: Electro-plated Tin Copper

Additional Resources	
Web Overview Page	<a href="#">Grounding Jumper Solutions   Molex</a>
Datasheet	<a href="#">987651-9131.pdf</a>
Global Product Manager	CCS, PSBU





THANK YOU

*creating connections for life*

**molex**