



# 3M™ Electrical Spring Connector 312-BAG, Yellow, 500 per Bag

Part Number 312-BAG, 3M ID 80610145247, UPC 00054007081609

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- Used for connecting and insulating wires in a pigtail application
- Twist-on type for quick connection
- Used for appliances and fixtures, automotive and marine, commercial construction, industrial construction and residential construction
- Delivers uniform holding power

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## Specifications

<b>Agency Approvals</b>	<b>UL, IEC, and CSA</b>
<b>Boxes per Case</b>	<b>20</b>
<b>Brand</b>	<b>3M</b>
<b>Color</b>	<b>Yellow</b>
<b>Conductor Sizes</b>	<b>22 - 8 AWG</b>
<b>Connection Type</b>	<b>Wire</b>
<b>Connector Style</b>	<b>Twist On</b>
<b>Family</b>	<b>3M™ Electrical Spring Connector</b>
<b>Flame Retardant</b>	<b>Yes</b>
<b>Maximum Operating Temperature (Celsius)</b>	<b>105 Degree Celsius</b>
<b>Maximum Operating Temperature (Fahrenheit)</b>	<b>221 Degree Fahrenheit</b>
<b>Maximum Recommended Voltage Rating</b>	<b>600 V</b>

<b>Maximum Wire Gauge</b>	<b>8 AWG</b>
<b>Minimum Wire Gauge</b>	<b>22 AWG</b>
<b>Packaging</b>	<b>Bag</b>
<b>Product Type</b>	<b>Connector</b>
<b>RoHS 2011/65/EU Compliant</b>	<b>Yes</b>
<b>RoHS EU Comments</b>	<b>RoHS 2011/65/EU compliant without exemption</b> <b><a href="#">*Important RoHS information</a></b>
<b>Trademark</b>	<b>3M</b>

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## Resources

### Catalog

[3M™ Wire Connectors and Tools, 2013 Electrical Product Catalog \(PDF, 4.3MB\)](#)

### Product Selection Guides

[Ordering Info for 3M™ 312 Spring Connectors \(HTML, 1.6KB\)](#)

### Data Sheets

[Insulated Electrical Spring Connector 312 \(PDF, 83.9KB\)](#)

[3M™ Electrical Spring Connector 412 \(PDF, 62.3KB\)](#)

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## Details

- Used for connecting and insulating wires in a pigtail application
- Twist-on type for quick connection
- Used for appliances and fixtures, automotive and marine, commercial construction, industrial construction and residential construction
- Delivers uniform holding power
- Accommodates a range of 22 to 10 AWG copper conductors
- Yellow flame-retardant nylon construction
- Withstands temperatures up to 221 degrees F (105 degrees C)
- 300V- or 600V-rated depending on wire combination for copper conductors and 1000V-rated for signs, fixtures or luminaires
- UL Listed, CSA Certified and RoHS 2011/65/EU Compliant
- 500/bag

3M™ Electrical Spring Connector 312 is used to connect 2 or more copper conductors in a pigtail application. Its nylon construction provides a flame-retardant property to the connector, making it ideal for use in applications that require safety. The spring design allows them to spin on quickly and tighten down easily.

3M™ Electrical Spring Connector 312 delivers uniform holding power for reliable electrical connections. Wings enable easy, high torque installation. The spring inside the connector has a durable steel construction with a corrosion-resistant coating. It offers enough space to accommodate a wide range of solid or stranded copper wires. UL Listed, CSA Certified and RoHS 2011/65/EU Compliant.

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## Legal Disclaimer

Manufacturing Origin: USA

The designation that a product is Manufactured in the USA means the product undergoes substantial transformation in one of our U.S. Manufacturing plants. Some products contain imported components.

Note: 3M products offered on a government contract that require country of origin representation must be certified by 3M Trade Compliance. Contact customer service at 800-245-3573 to request a certificate.

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