



Part Number : [190390007](#)

Product Description : Avikrimp Snap Receptacle, for 14-16 AWG Wire, Nylon, Fits Male Plug Diameter 3.96mm

Series Number : 19039

Status : Active

Product Category : Quick Disconnects

Engineering Number : BRB-8156N



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## Documents & Resources

### Drawings

[Drawing 190390007\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 190390007\\_stp.zip](#)

### Specifications

[Product Specification PS-19902-011-001.pdf](#)

[Product Specification PS-19902-013-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                    |
| China RoHS         |   |
| EU ELV             | Not Relevant                                    |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                  |
| REACH SVHC         | Not Contained per D(2022)4187-DC (10 June 2022) |
| EU RoHS            | Compliant per EU 2015/863                       |

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | Quick Disconnects   |
| Series         | 19039   |
| Description    | Avikrimp Snap Receptacle, for 14-16 AWG Wire, Nylon, Fits Male Plug Diameter 3.96mm |
| Comments       | Fits Male Plug Dia. 3.96mm  |
| Product Family | Snap Plugs and Receptacles  |
| Product Name   | Avikrimp  |
| Type           | Snap Receptacle   |
| UPC            | 800753049390  |

#### Agency

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E152602 |

#### Electrical

|                   |                        |
|-------------------|------------------------|
| Voltage - Maximum | Per Wire Specification |
|-------------------|------------------------|

#### Physical

|                   |        |
|-------------------|--------|
| Barrel Type       | Closed |
| Color - Resin     | Blue   |
| Flammability      | 94V-2  |
| Gender            | Female |
| Glow-Wire Capable | No     |
| Insulated         | Fully  |

|                                |                      |
|--------------------------------|----------------------|
| Insulation                     | Nylon (PA)           |
| Lock to Mating Part            | None                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Material - Resin               | Nylon                |
| Net Weight                     | 1.225/g              |
| Orientation                    | Straight             |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 4.064µm              |
| Plating min - Termination      | 4.064µm              |
| Tab Thickness                  | N/A                  |
| Tab Width                      | N/A                  |
| Temperature Range - Operating  | -40° to +105°C       |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 3.81mm max.          |
| Wire Size (AWG)                | 14, 16               |
| Wire Size mm <sup>2</sup>      | 1.00-2.50            |

### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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### Application Tooling

#### Global

| Description                                      | Part Number       |
|--|-------------------|
| Hand Crimp Tool                                  | <u>0640012100</u> |
| Crimp Head for the AT-200<br>Pneumatic Hand Tool | <u>0640052100</u> |