



Part Number : [190390002](#)

Series Number : 19039

Product Category : Quick Disconnects

Product Description : Avikrimp Snap Receptacle, for 18-22 AWG Wire, Nylon, Fits Male Plug Diameter 3.96mm

Status : Active

Engineering Number : BRA-8156N

---

## Documents & Resources

### Drawings

[Drawing 190390002\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 190390002\\_stp.zip](#)

### Specifications


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

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

---

## 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(2024)4144-DC (27 June 2024)
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

## Part Details

### General

Status	Active
Category	Quick Disconnects
Series	19039
Description	Avikrimp Snap Receptacle, for 18-22 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	800753049321

### Agency

CSA	LR18689
UL	E152602

### Electrical

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

### Physical

Barrel Type	Closed
Color - Resin	Red
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	1.138/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	3.25mm max.
Wire Size (AWG)	18, 20, 22

### Solder Process Data

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

---

### Application Tooling

#### Global

Description	Part Number
Hand Crimp Tool	<u>640012300</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>640052300</u>