

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0190390005**  
**Status:** **Active**  
**Overview:** Snap Plugs and Receptacles  
**Description:** Avikrimp Snap Plug Receptacle for 18-22 AWG Wire, Nylon, Fits Male Plug Diameter 4.57mm

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-19902-013-001 \(PDF\)](#)  
[Product Specification PS-19902-011-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E152602

**General**

Product Family Quick Disconnects  
 Series 19039  
 Comments Fits Male Plug Dia. 4.57mm  
 Crimp Quality Equipment Yes  
 Insulated Fully  
 Overview Snap Plugs and Receptacles  
 Product Name Avikrimp  
 Type Snap Receptacle  
 UPC 800753049376

**Physical**

Barrel Type Closed  
 Color - Resin Red  
 Flammability 94V-2  
 Gender Female  
 Glow-Wire Capable No  
 Insulation Nylon (PA)  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 1.279/g  
 Orientation Straight  
 Packaging Type Bag  
 Plating min - Mating 2.540µm  
 Plating min - Termination 2.540µm  
 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

**Electrical**

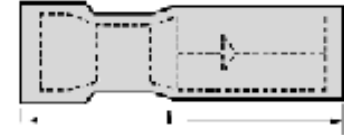
Voltage - Maximum Per Wire Specification

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

Engineering Number BRA-8180N



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ECHA\_01\_2020 (16  
 January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

19039 Series

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Hand Crimp Tool [640012300](#)

Crimp Head for the [640052300](#)

AT-200 Pneumatic

Hand Tool

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-19902-011-001, PS-19902-013-001

SD-19039-001

This document was generated on 04/15/2020

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