



Part Number : [190390010](#)
Product Description : Avikrimp Snap
Receptacle, for 16-14 AWG Wire, Nylon, Fits
Male Plug Diameter 4.57mm
Series Number : 19039
Status : Active
Product Category : Quick Disconnects
Engineering Number : BRB-8180N



Documents & Resources

Drawings
[190390010_sd.pdf](#)

3D Models and Design Files
[190390010_stp.zip](#)

Specifications
[PS-19902-011-001.pdf](#)
[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)6225-DC (07 Nov 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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Quick Disconnects
Series	19039
Description	Avikrimp Snap Receptacle, for 16-14 AWG Wire, Nylon, Fits Male Plug Diameter 4.57mm
Comments	Fits Male Plug Dia. 4.57mm
Product Name	Avikrimp
Type	Snap Receptacle
UPC	800753049444

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	1.361/g
Orientation	Straight
Packaging Type	Bag
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 ²	1.00-2.50

Solder Process Data

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

Application Tooling

Global

Description	Part Number
Hand Crimp Tool	<u>640012100</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>640052100</u>