



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

[Drawing 190390010_sd.pdf](#)

3D Models and Design Files

[3D Model 190390010_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 16-14 AWG Wire, Nylon, Fits Male Plug Diameter 4.57mm
Comments	Fits Male Plug Dia. 4.57mm
Product Family	Snap Plugs and Receptacles
Product Name	Avikrimp
Type	Snap Receptacle
UPC	800753049444

Agency

CSA	LR18689
UL	E152602

Electrical

Voltage - Maximum	Per Wire Specification
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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
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Application Tooling

Global

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