Part Number : 190390005
Product Description : Avikrimp Snap Receptacle, for 22-18 AWG Wire, Nylon, Fits Male Plug Diameter 4.57mm, Carton
Series Number : 19039
Status : Active
Product Category : Quick Disconnects
Engineering Part Number : BRA-8180N



Documents and Resources

Drawings

190390005_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-19902-013-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Quick Disconnects
Series	19039
Description	Avikrimp Snap Receptacle, for 22-18 AWG Wire, Nylon, Fits Male Plug Diameter 4.57mm, Carton
Comments	Fits Male Plug Dia. 4.57mm
Product Name	Avikrimp
Type	Snap Receptacle
UPC	800753049376

Agency

CSA	LR18689
UL	E152602

Electrical

Voltage - Maximum	Per Wire Specification

Physical

Barrel Type	Closed
Color - Resin	Red
Flammability	94V-2
Gender	Female

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Glow-Wire Capable	No
Insulated	Fully
Insulation	Nylon (PA)
Lock to Mating Part	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.279/g
Orientation	Straight
Packaging Type	Carton
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

Solder Process Data

Lead-Free Process Capability	N/A

Application Tooling

Global

Description	Part Number
Hand Crimp Tool	640012300
Crimp Head for the AT-200 Pneumatic Hand Tool	640052300

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