

**Part Number :** [190190027](#)

**Product Description :** Avikrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm<sup>2</sup>) Wire, Box, Tab 4.75 x 0.51mm, Carton

**Series Number :** 19019

**Status :** Active

**Product Category :** Quick Disconnects

**Engineering Part Number :** BB-8138



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## Documents and Resources

### Drawings

[190190027\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


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

[PS-19902-014-001.pdf](#)

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## 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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### [Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

#### 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	19019
Description	Avikrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm <sup>2</sup> ) Wire, Box, Tab 4.75 x 0.51mm, Carton
Product Name	Avikrimp
Type	Standard Quick Disconnect
UPC	800753038158

### Agency

CSA	LR18689
UL	E79133

### Electrical

Voltage - Maximum	300V
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### Physical

Barrel Type	Closed
Color - Resin	Blue
Flammability	94V-2

Gender	Female
Glow-Wire Capable	No
Insulated	Partial
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.809/g
Orientation	Straight
Packaging Type	Carton
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Tab Thickness	0.51mm
Tab Width	4.75mm
Temperature Range - Operating	-65° to +105°C
Wire Insulation Diameter	3.50mm max.
Wire Size (AWG)	14, 16
Wire Size mm <sup>2</sup>	1.30-2.00

### Solder Process Data

Lead-Free Process Capability	N/A
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## Application Tooling

### Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Insulkrimp Quick Disconnect Terminals, 22-10 AWG	<a href="#"><u>640010200</u></a>
Crimp Head for the AT-200 Pneumatic Hand Tool	<a href="#"><u>640050200</u></a>
ServiceGrade Hand Crimp Tool - Ratchet	<a href="#"><u>640160037</u></a>

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