



Part Number : [190020024](#)

Series Number : 19002

Product Category : Quick Disconnects

Product Description : Avikrimp Fully Insulated Quick Disconnect, Female, for 14-16 AWG Wire, Carton

Status : Active

Engineering Number : BB-5263

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## Documents & Resources

### Drawings

[Drawing 190020024\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 190020024\\_stp.zip](#)

### Specifications

[Product Specification PS-19902-011-001.pdf](#)


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

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

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## Part Details

### General

Status	Active
Category	Quick Disconnects
Series	19002
Description	Avikrimp Fully Insulated Quick Disconnect, Female, for 14-16 AWG Wire, Carton
Product Family	Standard Quick-Disconnect Terminals
Product Name	Avikrimp
Type	Quick Disconnect
UPC	800753027305

### 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	Fully
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin

Material - Plating Termination	Tin
Net Weight	0.900/g
Orientation	Straight
Packaging Type	Carton
Polarized to Mating Part	No
Tab Thickness	0.81mm
Tab Width	6.35mm
Temperature Range - Operating	-40° to +105°C
Wire Insulation Diameter	3.94mm 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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### Use with Part(s)

Description	Part Number
Avikrimp Quick Disconnect, Male, for 14-16 (2.00-1.30mm <sup>2</sup> ), Box, Tab 6.35 x 0.81mm	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190010006.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190010006.html</a>
Avikrimp Quick Disconnect, Male, for 14-16 (2.00-1.30mm <sup>2</sup> ), Mylar Tape, Tab 6.35 x 0.81mm	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190010007.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190010007.html</a>

### Application Tooling

#### Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Avikrimp Female Fully Insulated Quick Disconnect Terminals, 14-16 AWG	<a href="#">640011100</a>
Crimp Head for the AT-200 Pneumatic Hand Tool	<a href="#">640051100</a>