



Part Number : [190020005](#)

Product Description : Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Box

Series Number : 19002

Status : Active

Product Category : Quick Disconnects

Engineering Number : AA-5267



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## Documents & Resources

### Drawings

[Drawing 190020005\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 190020005\\_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	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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 18-22 AWG Wire, Box
Product Family	Standard Quick-Disconnect Terminals
Product Name	Avikrimp
Type	Quick Disconnect
UPC	800753026964

### Agency

CSA	LR18689
UL	E79133

### Electrical

Voltage - Maximum	300V
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### Physical

Barrel Type	Closed
Color - Resin	Red
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	0.850/g
Orientation	Straight
Packaging Type	Bag
Polarized to Mating Part	No
Tab Thickness	0.51mm
Tab Width	4.75mm
Temperature Range - Operating	-65° to +105°C
Wire Insulation Diameter	3.17mm max.
Wire Size (AWG)	18, 20, 22

#### 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 18-22 (0.80-0.35mm <sup>2</sup> ), Box, Tab 4.75 x 0.51mm	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190010003.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190010003.html</a>
Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm <sup>2</sup> ), Mylar Tape, Tab 4.75 x 0.51mm	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190010005.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190010005.html</a>

#### Application Tooling

##### Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Avikrimp Female Full Insulated Quick Disconnect Terminals, for 18-22 AWG with Insulation Diameter no greater than 3.175mm MAX	<a href="#">0640010800</a>

Crimp Head for the AT-200 Pneumatic Hand Tool	<u>0640050800</u>
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This document was generated on Feb 07, 2024