



Part Number : 190010001

Series Number : 19001

Product Category : Quick Disconnects

Product Description : Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm<sup>2</sup>), Box, Tab 6.35 x 0.81mm

Status : Active

Engineering Number : AA-5260

Documents & Resources


Drawings  
Drawing 190010001\_sd.pdf

3D Models and Design Files  
3D Model 190010001\_stp.zip

Specifications  
Product Specification PS-19902-011-001.pdf  
Product Specification PS-19902-013-001.pdf  
Product Specification PS-19902-014-001.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  
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Quick Disconnects
Series	19001
Description	Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm <sup>2</sup> ), Box, Tab 6.35 x 0.81mm
Product Family	Standard Quick-Disconnect Terminals
Product Name	Avikrimp
Type	Quick Disconnect
UPC	800753026513

#### Agency

CSA	LR18689
UL	E79133

#### Electrical

Voltage - Maximum	300V
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#### Physical

Barrel Type	Closed
Color - Resin	Red
Flammability	94V-2
Gender	Male
Glow-Wire Capable	No
Insulated	Fully
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Zinc Chromate

Material - Plating Termination	Zinc Chromate
Net Weight	1.486/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	No
Tab Thickness	0.81mm
Tab Width	6.35mm
Temperature Range - Operating	-65° to +105°C
Wire Insulation Diameter	3.56mm 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 Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Carton	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190020001.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190020001.html</a>
Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Mylar Tape	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190020002.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190020002.html</a>
Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Metal Strip	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190020004.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190020004.html</a>

## Application Tooling

### Global

Description	Part Number
Hand Crimp Tool	<a href="#">640012600</a>
Crimp Head for the AT-200 Pneumatic Hand Tool	<a href="#">640052600</a>

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