



Part Number : 190020028

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-5269

Documents & Resources

Drawings

Drawing 190020028\_sd.pdf

3D Models and Design Files


3D Model 190020028\_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(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	800753027381

#### 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	0.969/g
Orientation	Straight
Packaging Type	Carton
Polarized to Mating Part	No
Tab Thickness	0.51mm
Tab Width	4.75mm
Temperature Range - Operating	-65° 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 4.75 x 0.51mm	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190010008.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190010008.html</a>
Avikrimp Quick Disconnect, Male, for 14-16 (2.00-1.30mm <sup>2</sup> ), Mylar Tape, Tab 4.75 x 0.51mm	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/190010009.html">/content/molex/molex-dot-com/us/en/products/product-page.html/190010009.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>