



Part Number : [190010001](#)

Product Description : Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm²), Box, Tab 6.35 x 0.81mm

Series Number : 19001

Status : Active

Product Category : Quick Disconnects

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

Part Details

General

Status	Active
Category	Quick Disconnects
Series	19001
Description	Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm ²), 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	<u>190020001</u>
Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Mylar Tape	<u>190020002</u>
Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Metal Strip	<u>190020004</u>

Application Tooling

Global

Description	Part Number
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Hand Crimp Tool	<u>640012600</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>640052600</u>

This document was generated on Sep 18, 2024