



Part Number : 190190004

Series Number : 19019

Product Category : Quick Disconnects

Product Description : Avikrimp Quick Disconnect, Female, for 18-22 (0.80-0.35mm²) Wire, Box, Tab 2.79 x 0.81mm

Status : Active

Engineering Number : AA-8134

Documents & Resources

Drawings

Drawing 190190004_sd.pdf

3D Models and Design Files

3D Model 190190004_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)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

Part Details

General

Status	Active
Category	Quick Disconnects
Series	19019
Description	Avikrimp Quick Disconnect, Female, for 18-22 (0.80-0.35mm ²) Wire, Box, Tab 2.79 x 0.81mm
Product Family	Standard Quick-Disconnect Terminals
Product Name	Avikrimp
Type	Quick Disconnect
UPC	800753037809

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

Material - Plating Termination	Tin
Net Weight	0.541/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	4.064µm
Plating min - Termination	4.064µm
Polarized to Mating Part	No
Tab Thickness	0.81mm
Tab Width	2.79mm
Temperature Range - Operating	-65° to +105°C
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.90mm max.
Wire Size (AWG)	18, 20, 22

Solder Process Data

Lead-Free Process Capability	N/A
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Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Insulkrimp Quick Disconnect Terminals, 10-22 AWG	<u>640010200</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>640050200</u>
ServiceGrade Hand Crimp Tool - Ratchet	<u>640160037</u>