molex

Part Number : 190010006

Product Description : Avikrimp Quick Disconnect, Male, for 14-16 (2.00-1.30mm²), Box, Tab 6.35 x 0.81mm

Series Number : 19001

Status : Active

Product Category : Quick Disconnects

Engineering Number : BB-5262

Documents & Resources

Drawings
Drawing 190010006_sd.pdf

3D Models and Design Files
3D Model 190010006_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)

<u>EU RoHS Certificate of Compliance</u>

Part Details

General

Status	Active
Category	Quick Disconnects
Series	19001
Description	Avikrimp Quick Disconnect, Male, for 14-16 (2.00-1.30mm²), Box, Tab 6.35 x 0.81mm
Product Family	Standard Quick-Disconnect Terminals
Product Name	Avikrimp
Type	Quick Disconnect
UPC	800753026582

Agency

CSA	LR18689
UL	E79133

Electrical

Voltage - Maximum	300V

Physical

Barrel Type	Closed
Color - Resin	Blue
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	1.658/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	4.32mm max.
Wire Size (AWG)	14, 16
Wire Size mm²	1.30-2.00

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
Avikrimp Fully Insulated Quick Disconnect, Female, for 14-16 AWG Wire, Carton	/content/molex/molex-dot-com/us/en/products/product-page.html/190020024.html
Avikrimp Fully Insulated Quick Disconnect, Female, for 14-16 AWG Wire, Mylar Tape	/content/molex/molex-dot-com/us/en/products/product-page.html/190020025.html
Avikrimp Fully Insulated Quick Disconnect, Female, for 14-16 AWG Wire, Metal Strip	/content/molex/molex-dot-com/us/en/products/product-page.html/190020027.html

Application Tooling

Global

Description	Part Number
Hand Crimp Tool	640012600
Crimp Head for the AT-200 Pneumatic Hand Tool	640052600

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