Part Number : 190010003
Product Description : Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm^2), Box, Tab 4.75 x 0.51mm
Series Number : 19001
Status : Active
Product Category : Quick Disconnects
Engineering Number : AA-5266



Documents & Resources

Drawings

190010003_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-19902-013-001.pdf

PS-19902-014-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 4.75 x 0.51mm
Product Name	Avikrimp
Type	Standard Quick Disconnect
UPC	800753026544

Agency

CSA	LR18689
UL	E79133

Electrical

Voltage - Maximum	300V

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	1.000/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	No
Tab Thickness	0.51mm
Tab Width	4.75mm
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

Mates With / Use With

Use with Part(s)

Description	Part Number
Avikrimp Fully Insulated Quick Disconnect, Female, for 22-18 AWG Wire, Carton	190020005
Avikrimp Fully Insulated Quick Disconnect, Female, for 22-18 AWG Wire, Mylar Tape	190020007
Avikrimp Fully Insulated Quick Disconnect, Female, for 22-18 AWG Wire, Metal Strip	190020008

Application Tooling

Global

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