



Part Number : [190020005](#)
Product Description : Avikrimp Fully Insulated
Quick Disconnect, Female, for 22-18 AWG Wire, Carton
Series Number : 19002
Status : Active
Product Category : Quick Disconnects
Engineering Number : AA-5267



Documents & Resources

Drawings

[190020005 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	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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	19002
Description	Avikrimp Fully Insulated Quick Disconnect, Female, for 22-18 AWG Wire, Carton
Product Name	Avikrimp
Type	Standard Quick Disconnect
UPC	800753026964

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	Fully
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.850/g
Orientation	Straight
Packaging Type	Carton
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Tab Thickness	0.51mm
Tab Width	4.75mm
Temperature Range - Operating	-65° to +105°C
Wire Insulation Diameter	3.17mm max.
Wire Size (AWG)	18, 20, 22

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Use with Part(s)

Description	Part Number
Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm ²), Box, Tab 4.75 x 0.51mm	<u>190010003</u>
Avikrimp Quick Disconnect, Male, for 18-22 (0.80-0.35mm ²), Mylar Tape, Tab 4.75 x 0.51mm	<u>190010005</u>

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Avikrimp Female Full Insulated Quick Disconnect Terminals, for 22-18 AWG with Insulation Diameter no greater than 3.175mm MAX	<u>640010800</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>640050800</u>