Part Number : 190020027
Product Description : Avikrimp Fully Insulated Quick Disconnect, Female, for 16-14 AWG Wire, Metal Strip
Series Number : 19002
Status : Active
Product Category : Quick Disconnects
Engineering Part Number : BB-5263Z



Documents and Resources

Drawings

190020027_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-19902-014-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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 16-14 AWG Wire, Metal Strip
Product Name	Avikrimp
Type	Standard Quick Disconnect
UPC	800753027367

Agency

CSA	LR18689
UL	E79133

Electrical

Voltage - Maximum	300V

Physical

Barrel Type	Closed
Color - Resin	Blue
Flammability	94V-2
Gender	Female
Glow-Wire Capable	No

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Insulated	Fully
Insulation	Nylon (PA)
Lock to Mating Part	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	1.158/g
Orientation	Straight
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Tab Thickness	0.81mm
Tab Width	6.35mm
Temperature Range - Operating	-40° to +105°C
Wire Insulation Diameter	3.94mm max.
Wire Size (AWG)	14, 16
Wire Size mm^2	1.30-2.00

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Avikrimp Quick Disconnect, Male, for 14-16 (2.00-1.30mm^2), Box, Tab 6.35 x 0.81mm, Carton	190010006
Avikrimp Quick Disconnect, Male, for 14-16 (2.00-1.30mm^2), Mylar Tape, Tab 6.35 x 0.81mm	190010007

Application Tooling

Global

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Description	Part Number
Mini-Mac Applicator	638810200

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