molex

Part Number : 190170023
Product Description : InsulKrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm²) Wire, Box, Tab 2.79 x 0.51mm
Series Number : 19017
Status : Active
Product Category : Quick Disconnects
Engineering Number : BB-2132

Documents & Resources

Drawings
Drawing 190170023_sd.pdf

3D Models and Design Files
3D Model 190170023_stp.zip

Specifications
Product Specification PS-19902-008-001.pdf
Product Specification PS-19902-011-001.pdf
Product Specification PS-19902-013-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	(e)
EU ELV	Not Relevant
Low-Halogen Status	Not 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	19017
Description	InsulKrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm²) Wire, Box, Tab 2.79 x 0.51mm
Product Family	Standard Quick-Disconnect Terminals
Product Name	InsulKrimp
Type	Quick Disconnect
UPC	800753036048

Agency

CSA	LR18689
UL	E79133

Electrical

Voltage - Maximum	600V

Physical

Barrel Type	Closed
Color - Resin	Blue
Flammability	94V-0
Gender	Female
Glow-Wire Capable	No

Insulated	Partial
Insulation	PVC
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.431/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Tab Thickness	0.51mm
Tab Width	2.79mm
Temperature Range - Operating	-50° to +105°C
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	3.70mm max.
Wire Size (AWG)	14, 16
Wire Size mm²	1.30-2.00

Solder Process Data

Lead-Free Process Capability	N/A

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Insulkrimp Quick Disconnect Terminals, 10-22 AWG	0640010200
Crimp Head for the AT-200 Pneumatic Hand Tool	0640050200
ServiceGrade Hand Crimp Tool - Ratchet	0640160037

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