



Part Number : [190040001](#)
Product Description : InsulKrimp Fully Insulated Coupler, Male, for 18-22 AWG Wire, Box
Series Number : 19004
Status : Active
Product Category : Quick Disconnects
Engineering Number : AA-2260



Documents & Resources

Drawings

[Drawing 190040001_sd.pdf](#)

3D Models and Design Files


[3D Model 190040001_stp.zip](#)

Specifications

[Product Specification PS-19902-013-001.pdf](#)
[Product Specification PS-19902-008-001.pdf](#)
[Product Specification PS-19902-011-001.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(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	19004
Description	InsulKrimp Fully Insulated Coupler, Male, for 18-22 AWG Wire, Box
Product Family	Standard Quick-Disconnect Terminals
Product Name	InsulKrimp
Type	Quick Disconnect
UPC	800753030008

Agency

CSA	LR18689
UL	E79133

Electrical

Voltage - Maximum	600V
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Physical

Barrel Type	Closed
Color - Resin	Red
Flammability	94V-0
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
Material - Resin	Nylon
Net Weight	1.167/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	3.68mm max.
Wire Size (AWG)	18, 20, 22

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
InsulKrimp Fully Insulated Coupler, Female, for 18-22 AWG Wire, Box	/content/molex/molex-dot-com/us/en/products/product-page.html/190050001.html
InsulKrimp Fully Insulated Coupler, Female, for 18-22 AWG Wire, Continuous Molded Strip	/content/molex/molex-dot-com/us/en/products/product-page.html/190050003.html
InsulKrimp Fully Insulated Coupler, Female, for 18-22 AWG Wire, Mylar Tape	/content/molex/molex-dot-com/us/en/products/product-page.html/190050004.html

Application Tooling

Global

Description	Part Number
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PremiumGrade Hand Crimp Tool for Industrial Terminals 14-22 AWG (see ATS)	<u>0640014700</u>
Crimp Head for the AT-200 Pneumatic Hand Tool	<u>0640054700</u>

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