



Part Number : 190050005

Series Number : 19005

Product Category : Quick Disconnects

Product Description : InsulKrimp Fully Insulated Coupler, Female, for 14-16 AWG Wire, Box

Status : Active

Engineering Number : BB-2263

Documents & Resources

Drawings

Drawing 190050005_sd.pdf

3D Models and Design Files

3D Model 190050005_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	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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	19005
Description	InsulKrimp Fully Insulated Coupler, Female, for 14-16 AWG Wire, Box
Product Family	Standard Quick-Disconnect Terminals
Product Name	InsulKrimp
Type	Quick Disconnect
UPC	800753030480

Agency

CSA	LR18689
UL	E79133

Electrical

Voltage - Maximum	600V
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Physical

Barrel Type	Closed
Color - Resin	Blue
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
Material - Resin	Nylon
Net Weight	1.088/g
Orientation	Straight
Packaging Type	Bag
Polarized to Mating Part	No
Tab Thickness	0.81mm
Tab Width	6.35mm
Temperature Range - Operating	-65° to +105°C
Wire Insulation Diameter	4.19mm max.
Wire Size (AWG)	14, 16
Wire Size mm ²	1.30-2.00

Solder Process Data

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

Description	Part Number
InsulKrimp Fully Insulated Coupler, Male, for 14-16 AWG Wire, Box	/content/molex/molex-dot-com/us/en/products/product-page.html/190040005.html
InsulKrimp Fully Insulated Coupler, Male, for 14-16 AWG Wire, Mylar Tape	/content/molex/molex-dot-com/us/en/products/product-page.html/190040008.html

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Industrial Terminals 14-22 AWG (see ATS)	640014700
Crimp Head for the AT-200 Pneumatic Hand Tool	640054700