molex

Part Number : 190070041

Product Description : Flag InsulKrimp Quick Disconnect, Female, for 10-12 (5.00-3.30mm$^2$) Wire, Metal Strip, Tab 6.35 x 0.81mm

Series Number : 19007

Status : Active

Product Category : Quick Disconnects

Engineering Number : C-2211Z

## Documents & Resources

### Drawings

Drawing 190070041_sd.pdf

Packaging Design Drawing PK-19007-001-001.pdf

### 3D Models and Design Files

3D Model 190070041_stp.zip

### Specifications

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)8585-DC (23 Jan 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 | 19007 |
| Description | Flag InsulKrimp Quick Disconnect, Female, for 10-12 (5.00-3.30mm$^2$) Wire, Metal Strip, Tab 6.35 x 0.81mm |
| Product Family | Standard Quick-Disconnect Terminals |
| Product Name | InsulKrimp |
| Type | Quick Disconnect |
| UPC | 800753032163 |

### Agency

| | |
|---|---|
| CSA | LR18689 |
| UL | E79133 |

### Electrical

| | |
|---|---|
| Voltage - Maximum | 600V |

### Physical

| | |
|---|---|
| Barrel Type | Closed |
| Color - Resin | Yellow |
| Flammability | 94V-2 |
| Gender | Female |
| Glow-Wire Capable | Yes |
| 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 | 2.458/g |
| Orientation | Flag |
| Packaging Type | Reel |
| Polarized to Mating Part | No |
| Tab Thickness | 0.81mm |
| Tab Width | 6.35mm |
| Temperature Range - Operating | -65° to +105°C |
| Wire Insulation Diameter | 6.65mm max. |
| Wire Size (AWG) | 10 (105 strands), 12 (65 strands) |

## Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

## Application Tooling

### Global

| Description | Part Number |
|---|---|
| ASP Tool Kit, Perishable, Used in an ASP-101RF Press that Processes Metal Strip Product | 198032060 |
| Mini-Mac Applicator Rear Feed | 638026100 |