**Part Number :** 16021113
**Product Description :** SL Crimp Terminal, Series 71851, Female, with 0.76µm  Selective Gold (Au) Plated Contact, 30-24 AWG, Reel
**Series Number :** 71851
**Status :** Active
**Product Category :** Crimp Terminals
**Engineering Number :** 71851-0008
**Packaging Alternative :** 16021117 (Bag)



## Documents & Resources

### Drawings

016021113_sd.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-70400-001.pdf

PS-71851-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| 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)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 71851 |
| Description | SL Crimp Terminal, Series 71851, Female, with 0.76µm Selective Gold (Au) Plated Contact, 30-24 AWG, Reel |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Product Name | SL |
| UPC | 800753749146 |

### Physical

| | |
|---|---|
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 0.060/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 1.905µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 1.52mm max. |
| Wire Size (AWG) | 24, 26, 28, 30 |

| | |
|---|---|
| Wire Size $mm^2$ | N/A |

**Solder Process Data**

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

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Insertion Tool for 70021,70028, 70110, 71851 Terminals / Extraction Tool for 91821 Terminals | 11020022 |
| Extraction Tool for SL Terminals, 36-22 AWG | 11030036 |
| Hand Crimp Tool for SL Crimp Terminals, 30-24 AWG | 2002187000 |
| FineAdjust Applicator for SL Female Crimp Terminal, Insulation OD 0.63-1.00mm, 30-24 AWG Wire | 639001500 |
| FineAdjust Applicator for SL Female Crimp Terminal, Insulation OD 1.01-1.52mm, 30-24 AWG Wire | 639003100 |
| T2 Terminator Tooling Die | 639103100 |