



**Part Number :** [16020081](#)  
**Product Description :** SL Crimp Terminal,  
Series 70021, Male, with 0.38µm Selective  
Gold (Au) Plated Contact, 24-22 AWG, Reel  
**Series Number :** 70021  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 70021-0023  
**Packaging Alternative :** 16020115 (Bag)



## Documents & Resources


**Drawings**  
[016020081\\_sd.pdf](#)

**3D Models and Design Files**  
[016020081\\_stp.zip](#)

**Specifications**  
[PS-70021-001.pdf](#)  
[PS-70400-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	70021
Description	SL Crimp Terminal, Series 70021, Male, with 0.38µm Selective Gold (Au) Plated Contact, 24-22 AWG, Reel
Application	Signal, Wire-to-Wire
Product Name	SL
UPC	800753595989

### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.092/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.63mm max.
Wire Size (AWG)	22, 24
Wire Size mm <sup>2</sup>	N/A

## Solder Process Data

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

Description	Part Number
SL Single Row Crimp Housings and CPA Retainers	<u>70066</u>
SL Single Row Crimp Housings	<u>70107</u>

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## Application Tooling

### Global

Description	Part Number
Insertion Tool for 70021,70028, 70110, 71851 Terminals / Extraction Tool for 91821 Terminals	<u>11020022</u>
PremiumGrade Hand Crimp Tool for SL Crimp Terminals, 24-22 AWG and 36-32 AWG	<u>638118700</u>
FineAdjust Applicator for Crimp Terminal, Male, 22 AWG Wire	<u>639014600</u>
FineAdjust Applicator for SL Terminals, for 24-22 AWG Wire with Insulation Diameter 1.25-1.45mm	<u>639027800</u>
T2 Terminator for SL Crimp Terminal	<u>639127800</u>

## Application Tooling

### Japan

Description	Part Number
Hand Insertion Tool	<u>570336000</u>