



**Part Number :** [16020107](#)

**Product Description :** SL Crimp Terminal, Series 70021, Male, 8.43mm Mating Length, Tin (Sn) Plated, 24-22 AWG, Reel

**Series Number :** 70021

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Part Number :** 70021-0021

**Packaging Alternative :** [16020114](#) (Bag)



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## Documents and Resources

### Drawings

[016020107\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


[PS-70021-001.pdf](#)

[PS-70400-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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)7771-DC (04 Feb 2026)
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

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	70021
Description	SL Crimp Terminal, Series 70021, Male, 8.43mm Mating Length, Tin (Sn) Plated, 24-22 AWG, Reel
Application	Signal, Wire-to-Wire
Product Name	SL
UPC	800753595668

### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	142.500/mg
Packaging Type	Reel
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
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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### Mates With / Use With

#### 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>

#### Japan

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

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