



Part Number : [16020081](#)
Product Description : SL Crimp Terminal, Series 70021, Male, 8.43mm Mating Length, 0.38µm Gold (Au) Plated, 24-22 AWG, Reel
Series Number : 70021
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 70021-0023
Packaging Alternative : [16020115](#) (Bag)



Documents and Resources

Drawings

[016020081 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 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, 0.38µm Gold (Au) Plated, 24-22 AWG, Reel
Application	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 ²	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>

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>

Japan

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

This document was generated on Jun 06, 2026