



**Part Number :** [560868000](#)

**Product Description :** 2.00mm Pitch Crimp Terminal 56086, Male, 28-22 AWG, Reel, for 51227 Housing

**Series Number :** 56086

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** [560868100](#) (Bag)



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## Documents & Resources

### Drawings

[560868000\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[SPK-56086-001-001.pdf](#)

[PS-505261-001-001.pdf](#)

[PS-51216-006-001.pdf](#)

### Tooling Specifications

[573923700ATS-000.pdf](#)


[573923700ATS-J-000.pdf](#)

[560860000-CS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	56086
Description	2.00mm Pitch Crimp Terminal 56086, Male, 28-22 AWG, Reel, for 51227 Housing
Application	Signal, Wire-to-Wire
Product Name	MicroTPA
UPC	800756062327

### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel

Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.50mm max.
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm <sup>2</sup>	N/A

## Mates With / Use With

### Use with Part(s)

Description	Part Number
MicroTPA Plug Housings	<u>51227</u>

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## Application Tooling

### Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
Hand Crimp Tool for 2.00mm Crimp Terminals, 28-22 AWG	<u>638192500</u>
FineAdjust Applicator for 2.00mm Crimp Terminal, 28-22 AWG	<u>639007600</u>
T2 Terminator Tooling Die for 2.00mm Crimp Terminal, 28-22 AWG	<u>639107600</u>

### Japan

Description	Part Number
S-1 Applicator for 2.00mm Pitch MicroTPA Crimp Terminals	<u>573923700</u>