



Part Number : [503978000](#)

Product Description : CP-2.5 Mini and CP-3.3 Crimp Terminal, Female, 28-22 AWG, Reel

Series Number : 50397

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [503978100](#) (Bag)



Documents & Resources

Drawings

[503978000_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[5056050000-A01.pdf](#)

[AS-504693-001-001.pdf](#)

[AS-504693-002-001.pdf](#)

[5056050000-A00.pdf](#)

[SPK-50397-001-001.pdf](#)

[PS-504693-001-001.pdf](#)


[5056050000-000.pdf](#)

[PS-51111-001-001.pdf](#)

[PS-51111-003-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS | Compliant with Exemption 44 |
| 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

Part Details

General

| | |
|--------------|----------------------------------------------------------------|
| Status | Active |
| Category | Crimp Terminals |
| Series | 50397 |
| Description | CP-2.5 Mini and CP-3.3 Crimp Terminal, Female, 28-22 AWG, Reel |
| Application | Signal, Wire-to-Wire |
| Product Name | CP-2.5 Mini,CP-3.3 |
| UPC | 800754317719 |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 300V AC (RMS)/DC |

Physical

| | |
|--------|--------|
| Gender | Female |
|--------|--------|

| | |
|--------------------------------|----------------------|
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 89.600/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.914µm |
| Plating min - Termination | 0.914µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 1.15-1.80mm |
| Wire Size (AWG) | 22, 24, 26, 28 |
| Wire Size mm ² | N/A |

Mates With / Use With

Use with Part(s)

| Description | Part Number |
|--------------------------------------------|---------------|
| CP-2.5 Mini Single Row Receptacle Housings | <u>500592</u> |
| CP-3.3 Single Row Receptacle Housings | <u>504693</u> |
| CP-3.3 Dual Row Receptacle Housings | <u>505605</u> |

Application Tooling

Global

| Description | Part Number |
|-------------------------------------------------------------------------------|------------------|
| Extraction and Activation Tool | <u>638132700</u> |
| Extraction Tool for MTC (Multi Terminal Connector) Female Terminal, 18-14 AWG | <u>638138600</u> |
| Hand Crimp Tool for 2.50mm Pitch Wire to Wire Crimp Terminals | <u>638238000</u> |
| T2 Terminator Die | <u>638535000</u> |
| FineAdjust Applicator | <u>638635000</u> |

Japan

| Description | Part Number |
|---------------------------------------------------|------------------|
| S-1 Applicator for CP-3.3 Terminals, 28-22 AWG | <u>573163700</u> |
| Extraction Tool | <u>573166100</u> |

This document was generated on Nov 06, 2025