



**Part Number :** [5056080000](#)  
**Product Description :** 2.50mm and 3.30mm  
Pitch Crimp Terminal, Male, 22-18 AWG, Reel  
**Series Number :** 505608  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Packaging Alternative :** 5056080100 (Bag)



## Documents & Resources

### Drawings

[5056080000\\_sd.pdf](#)

### 3D Models and Design Files

[5056080000\\_stp.zip](#)

### Specifications

[5056050000-A01.pdf](#)

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

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

[5056050000-A00.pdf](#)

[5056089200-200.pdf](#)

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

[5056050000-000.pdf](#)

### Tooling Specifications

[5056070000-C00.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34                                                       |
| 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<br>(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       | 505608                                                        |
| Description  | 2.50mm and 3.30mm Pitch Crimp Terminal, Male, 22-18 AWG, Reel |
| Application  | Signal, Wire-to-Wire                                          |
| Product Name | CP-3.3                                                        |
| UPC          | 889056802413                                                  |

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 6.0A             |
| Voltage - Maximum             | 300V AC (RMS)/DC |

#### Physical

|                                |              |
|--------------------------------|--------------|
| Gender                         | Male         |
| Material - Metal               | Copper Alloy |
| Material - Plating Mating      | Tin          |
| Material - Plating Termination | Tin          |
| Net Weight                     | 102.000/mg   |
| Packaging Type                 | Reel         |
| Plating min - Mating           | 0.914µm      |

|                             |                      |
|-----------------------------|----------------------|
| Plating min - Termination   | 0.914µm              |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter    | 1.55-2.60mm          |
| Wire Size (AWG)             | 18, 20, 22           |
| Wire Size mm <sup>2</sup>   | N/A                  |

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## Use with Part(s)

| Description                     | Part Number   |
|---------------------------------|---------------|
| CP-3.3 Single Row Plug Housings | <u>504694</u> |
| CP-3.3 Dual Row Plug Housings   | <u>505606</u> |

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## Application Tooling

### Global

| Description                                                                                   | Part Number       |
|-----------------------------------------------------------------------------------------------|-------------------|
| Hand Crimp Tool for CP-3.3 Wire-to-Wire Plug and Receptacle Terminals, 22-18 AWG, UL1007 Wire | <u>2002184000</u> |
| FineAdjust Applicator for CP 3.3 Wire-to-Wire Plug and Receptacle Terminals, 22-18 AWG        | <u>2037022300</u> |
| Extraction Tool for MTC (Multi Terminal Connector) Female Terminal, 18-14 AWG                 | <u>638138600</u>  |
| FineAdjust Applicator for CP 3.3 Wire-to-Wire Plug and Receptacle Terminals, 22-20 AWG        | <u>2037023300</u> |

## Application Tooling

### Japan

| Description                                    | Part Number       |
|------------------------------------------------|-------------------|
| S-1 Applicator for CP-3.3 Terminals, 22-18 AWG | <u>2014003700</u> |