



**Part Number :** [2069998000](#)  
**Product Description :** CP-4.5 Wire-to-Wire Genderless Crimp Terminal, Pre-Tin Plating, 20-16 AWG, Reel  
**Series Number :** 206999  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources

**Drawings**  
[2069998000\\_sd.pdf](#)

**Specifications**  
[2069960000AS\\_ENG-000.pdf](#)  
[2069960000AS\\_KOR-000.pdf](#)  
[2069990000PK-000.pdf](#)  
[2069960000PS-002.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)6225-DC (07 Nov 2024)                                        |
| 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       | 206999                                                                          |
| Description  | CP-4.5 Wire-to-Wire Genderless Crimp Terminal, Pre-Tin Plating, 20-16 AWG, Reel |
| Application  | Power, Wire-to-Wire                                                             |
| Product Name | CP-4.5                                                                          |
| UPC          | 193264577873                                                                    |

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 10.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

#### Physical

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Genderless           |
| Material - Metal               | Copper Nickel        |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.320/g              |
| Packaging Type                 | Reel                 |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 2.35-3.30mm          |
| Wire Size (AWG)                | 16, 18, 20           |
| Wire Size mm <sup>2</sup>      | N/A                  |

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#### Use with Part(s)

| Description                         | Part Number   |
|-------------------------------------|---------------|
| CP-4.5 Dual Row Receptacle Housings | <u>206996</u> |
| CP-4.5 Dual Row Plug Housings       | <u>206997</u> |

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## Application Tooling

### Global

| Description                                                                                  | Part Number       |
|----------------------------------------------------------------------------------------------|-------------------|
| FineAdjust Applicator for CP 4.5 Crimp Terminals, Insulation Diameter 2.70-3.10mm, 20-16 AWG | <u>2037027400</u> |
| FineAdjust Applicator for CP 4.5 Crimp Terminals, Insulation Diameter 2.25-2.55mm, 20-16 AWG | <u>2037027500</u> |
| FineAdjust Applicator for CP 4.5 Crimp Terminals, 20-16 AWG                                  | <u>2037028100</u> |
| Hand Crimp Tool for CP-4.5 Wire-to-Wire Crimp Terminals, 16 AWG                              | <u>2133091500</u> |
| Hand Crimp Tool for CP-4.5 Wire-to-Wire Crimp Terminals, 18 AWG                              | <u>2133091600</u> |
| Hand Crimp Tool for CP-4.5 Wire-to-Wire Crimp Terminals, 20 AWG                              | <u>2133091700</u> |
| Extraction Tool for MTC (Multi Terminal Connector) Female Terminal, 18-14 AWG                | <u>638138600</u>  |