



**Part Number :** [643241149](#)

**Product Description :** 2.80mm, CMC CP Female Terminal, Tin plated with Selective 1.27µm Gold in Contact Area, for Tab Dimensions 2.80mm by 0.80mm, Wire Size 0.50-1.00mm<sup>2</sup>

**Series Number :** 64324

**Status :** Active

**Product Category :** Crimp Terminals



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## Documents & Resources

### Drawings

[643241149 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-64318-002-001.pdf](#)

[AS-64318-002-CH-001.pdf](#)

[AS-64318-002-SP-001.pdf](#)

[AS-64324-001-001.pdf](#)

[AS-64324-001-CH-001.pdf](#)

[AS-98420-001-001.pdf](#)

[AS-98420-001-CH-001.pdf](#)

[AS-98420-001-SP-001.pdf](#)

[AS-64318-002-FR-001.pdf](#)

[AS-64324-001-FR-001.pdf](#)

[AS-98420-001-FR-001.pdf](#)

[PK-98910-001-001.pdf](#)

[PS-64326-001-001.pdf](#)

### Tooling Specifications

[CS-64324-001-001.pdf](#)

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# Product Environment Compliance

## Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33                                                                     |
| 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

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## Part Details

### General

|             |                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status      | Active                                                                                                                                                         |
| Category    | Crimp Terminals                                                                                                                                                |
| Series      | 64324                                                                                                                                                          |
| Description | 2.80mm, CMC CP Female Terminal, Tin plated with Selective 1.27µm Gold in Contact Area, for Tab Dimensions 2.80mm by 0.80mm, Wire Size 0.50-1.00mm <sup>2</sup> |
| Application | Automotive, Power, Wire-to-Wire                                                                                                                                |

|              |                                                                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comments     | Current tested on a fully loaded connector, current for temperature increase of 40°C'; Current max = 21A for 2.80mm Terminal (5.00mm <sup>2</sup> wire) |
| Product Name | CMC,CP Terminal                                                                                                                                         |
| UPC          | 883906128463                                                                                                                                            |

## Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 21.0A  |
| Voltage - Maximum             | 14V DC |

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | High Copper Alloy    |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Gold                 |
| Net Weight                     | 0.470/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 1.270µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 1.40mm-2.15mm        |
| Wire Size (AWG)                | 18, 20               |
| Wire Size mm <sup>2</sup>      | 0.50-1.00            |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

## Mates With / Use With

### Use with Part(s)

| Description                   | Part Number  |
|-------------------------------|--------------|
| Power CMC Receptacles         | <u>64318</u> |
| CMC Receptacles and Wire Caps | <u>64321</u> |

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## Application Tooling

### Global

| Description                                                                                                                                        | Part Number      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector                                                                                    | <u>638132500</u> |
| Hand Crimp Tool for CP 2.8 Receptacle 20-18 AWG Type TXL Wire and 0.50-0.75mm <sup>2</sup> Type ID & ID Wire with 2.80mm, CMC Wire Seal Receptacle | <u>638193400</u> |
| Hand Crimp Tool for CP 2.8 Receptacle 1.00mm Type ID & ID Wire with 2.80mm <sup>2</sup> , CMC Wire Seal Receptacle                                 | <u>638193500</u> |
| Hand Crimp Tool for CP 2.8 Receptacle Crimp Terminals                                                                                              | <u>638234300</u> |
| Mini-Mac Applicator for CP2.8 Terminals, 0.50-1.00mm <sup>2</sup> ID & IR Wire                                                                     | <u>638951200</u> |