



**Part Number :** [643241049](#)

**Product Description :** 2.80mm, CMC CP Female Terminal, Tin plated, 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

[643241049 sd.pdf](#)

[313025040-000.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; 33
China RoHS	Not Relevant
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, 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	883906128425

## 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	Tin
Net Weight	0.470/g
Packaging Type	Reel
Plating min - Mating	1.016µm
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
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## 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>