



**Part Number :** [643241019](#)

**Product Description :** 2.80mm, CMC CP Female Terminal, Tin plated, for Tab Dimensions 2.80mm by 0.80mm, Wire Size > 3.00-5.00mm<sup>2</sup>

**Series Number :** 64324

**Status :** Active

**Product Category :** Crimp Terminals

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## Documents and Resources

### Drawings

[643241019 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)6375-DC (05 Nov 2025) SCIP:
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 > 3.00-5.00mm <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 = 21.0A for 2.80mm Terminal (5.00mm <sup>2</sup> wire), 12.0A for 1.50mm Terminal (2.00mm <sup>2</sup> wire), 2.5A for 0.635mm Terminal (0.75mm <sup>2</sup> wire)
Product Name	CMC,CP Terminal
UPC	883906127893

## 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	0.570/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	3.40-4.00mm
Wire Size (AWG)	10, 12
Wire Size mm <sup>2</sup>	>3.00-5.00

## 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>

## Application Tooling

## Global

Description	Part Number
Hand Crimp Tool for CP 2.8 Receptacle 12-10 AWG Type TXL Wire and >3.00-5.00mm <sup>2</sup> Type ID & ID Wire with 2.80mm <sup>2</sup> , CMC Wire Seal Receptacle	<u>638119900</u>
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	<u>638132500</u>
Hand Crimp Tool for CP 2.8 Receptacle Crimp Terminals	<u>638234100</u>
Mini-Mac Applicator for CP2.8 Crimp Terminals 3.00 - 5.0mm <sup>2</sup> type ID & IR Wire	<u>638950900</u>

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