



Part Number : [643241129](#)

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 > 2.00-3.00mm²

Series Number : 64324

Status : Active

Product Category : Crimp Terminals



Documents and Resources

Drawings

[643241129 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](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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

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 > 2.00-3.00mm ²
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 ² wire)
Product Name	CMC,CP Terminal
UPC	883906128449

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	0.540/g
Packaging Type	Reel
Plating min - Mating	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.65-3.45mm
Wire Size (AWG)	12, 14
Wire Size mm ²	>2.00-3.00

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 for 2.50-3.00mm Type ID and IR Wire with 2.80mm ² , CMC Wire Seal Receptacle	<u>638119800</u>
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	<u>638132500</u>
Mini-Mac Applicator CP2.8 Crimp Terminals	<u>638951000</u>

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