



Part Number : [643241149](#)

Product Description : 2.80mm, CMC CP Female Terminal, Tin plated with Selective 1.27 μ m Gold in Contact Area, for Tab Dimensions 2.80mm by 0.80mm, Wire Size 0.50-1.00mm²

Series Number : 64324

Status : Active

Product Category : Crimp Terminals



Documents and 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](#)

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)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

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 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	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 ²	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>

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 ² 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 ² , 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 ² ID & IR Wire	<u>638951200</u>

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