**Part Number :** 643231219
**Product Description :** 1.50mm CMC CP Female Terminal, Tin Plated with Selective 1.27µm Gold in Contact Area, for Tab Dimensions 1.5mm x 0.8mm, Wire Size > 1.0mm² -2.0mm²
**Series Number :** 64323
**Status :** Active
**Product Category :** Crimp Terminals



## Documents and Resources

### Drawings

643231219_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-64319-002-001.pdf

AS-64319-002-CH-001.pdf

AS-64319-002-FR-001.pdf

AS-64319-002-SP-001.pdf

AS-64323-001-001.pdf

AS-64323-001-CH-001.pdf

AS-98420-001-001.pdf

AS-98420-001-CH-001.pdf

AS-98420-002-001.pdf

AS-98420-002-CH-001.pdf

AS-98420-002-FR-001.pdf

AS-98420-002-SP-001.pdf

AS-98420-001-SP-001.pdf

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AS-64318-002-FR-001.pdf

AS-64323-001-FR-001.pdf

AS-98420-001-FR-001.pdf

PK-98915-001-001.pdf

PS-64319-002-001.pdf

**Tooling Specifications**

CS-64323-001-001.pdf

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## 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |

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| | |
|---|---|
| Series | 64323 |
| Description | 1.50mm CMC CP Female Terminal, Tin Plated with Selective 1.27µm Gold in Contact Area, for Tab Dimensions 1.5mm x 0.8mm, Wire Size > 1.0mm² -2.0mm² |
| Application | Automotive, Wire-to-Wire, Wire-to-Board |
| Comments | Current tested on a fully loaded connector, current for temperature increase of 40°C; Current max = 12A for 1.50mm Terminal (2.00mm² wire) |
| Product Name | CMC,CP Terminal |
| UPC | 883906129606 |

**Electrical**

| | |
|---|---|
| Current - Maximum per Contact | 12.0A |
| Voltage - Maximum | 14V DC |

**Physical**

| | |
|---|---|
| Gender | Female |
| Material - Metal | High Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Gold |
| Net Weight | 0.290/g |
| Packaging Type | Reel |
| Plating min - Mating | 1.016µm, 3.048µm |
| Termination Interface Style | Crimp or Compression |
| Terminal Size | 1.5 |
| Wire Insulation Diameter | 2.10-2.80mm |
| Wire Size (AWG) | 14, 16 |
| Wire Size mm² | >1.00-2.00 |

**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 | 64318 |
| CMC Receptacles and Wire Caps | 64319 |
| CMC Receptacles and Wire Caps | 64320 |
| CMC Receptacles and Wire Caps | 64321 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| PremiumGrade Hand Crimp Tool for CP 1.50mm Female Terminals for CMC Connector, 1.00-2.00mm$^2$ Wire | 638119000 |
| Extraction Tool for 1.50mm CP Crimp Terminals for CMC Connector | 638132300 |
| FineAdjust Applicator | 638688100 |



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