



Part Number : [643221039](#)

Product Description : 0.635mm CMC CP Female Terminal, Tin Plated, for Square 0.6mm x 0.6mm Pins, Wire Size 0.50mm²

Series Number : 64322

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

[Drawing 643221039_sd.pdf](#)

[Packaging Design Drawing 313025040-000.pdf](#)

3D Models and Design Files

[3D Model 643221039_stp.zip](#)

Specifications

[Application Specification AS-64318-002-001.pdf](#)

[Application Specification AS-64318-002-CH-001.pdf](#)

[Application Specification AS-64318-002-SP-001.pdf](#)

[Application Specification AS-64319-002-001.pdf](#)

[Application Specification AS-64319-002-CH-001.pdf](#)

[Application Specification AS-64319-002-FR-001.pdf](#)

[Application Specification AS-64319-002-SP-001.pdf](#)

[Application Specification AS-64322-001-001.pdf](#)

[Application Specification AS-64322-001-CH-001.pdf](#)

[Application Specification AS-98420-001-001.pdf](#)

[Application Specification AS-98420-001-CH-001.pdf](#)

[Application Specification AS-98420-002-001.pdf](#)

[Application Specification AS-98420-002-CH-001.pdf](#)

[Application Specification AS-98420-002-FR-001.pdf](#)

[Application Specification AS-98420-002-SP-001.pdf](#)

[Packaging Specification PK-98913-001-001.pdf](#)


[Product Specification PS-64319-002-001.pdf](#)

Tooling Specifications

[Crimp Specification CS-64322-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	

EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	64322
Description	0.635mm CMC CP Female Terminal, Tin Plated, for Square 0.6mm x 0.6mm Pins, Wire Size 0.50mm ²
Application	Automotive, Signal, Wire-to-Board
Comments	Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C; Current max = 6A for 0.635mm Terminal (0.75mm ² wire)
Product Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC,CP Terminal
UPC	883906129491

Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	14V DC

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.150/g
Packaging Type	Reel
Plating min - Mating	2.000µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40-1.70mm
Wire Size (AWG)	N/A
Wire Size mm ²	0.50

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
Power CMC Receptacles	<u>64318</u>
CMC Receptacles and Wire Caps	<u>64319</u>
CMC Receptacles and Wire Caps	<u>64320</u>
CMC Receptacles and Wire Caps	<u>64321</u>

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for CP 0.635mm Female Terminals for CMC Connector, 0.50-0.75mm ² Wire	<u>638119200</u>
Extraction Tool for 0.635mm CP Crimp Terminals for CMC Connector	<u>638132400</u>

FineAdjust Applicator for 0.635mm CP Terminals, for 0.22mm ² , 0.35mm ² , 0.50mm ² Metric Wires	<u>639021900</u>
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