



Part Number : 643231319

Series Number : 64323

Product Category : Crimp Terminals

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 0.5mm² -1.0mm²

Status : Active

Documents & Resources

Drawings

Drawing 643231319_sd.pdf

Packaging Design Drawing 313025040-000.pdf

Packaging Design Drawing 313025040-000.pdf

3D Models and Design Files

3D Model 643231319_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-64323-001-001.pdf

Application Specification AS-64323-001-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-98915-001-001.pdf

Product Specification PS-64319-002-001.pdf

Tooling Specifications

Crimp Specification CS-64323-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	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 0.5mm ² -1.0mm ²
Application	Automotive, Power, 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 (2.00mm ² wire)
Product Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC,CP Terminal
UPC	883906129712

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	0.285/g
Packaging Type	Reel
Plating min - Mating	1.016µm, 3.048µm
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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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
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PremiumGrade Hand Crimp Tool for CP 1.50mm Female Terminals for CMC Connector, 1.00-0.50mm ² Wire	<u>638118900</u>
Extraction Tool for 1.50mm CP Crimp Terminals for CMC Connector	<u>638132300</u>
FineAdjust Applicator	<u>638688000</u>