



Part Number : 643231039

Product Description : 1.50mm CMC CP Female Terminal, Tin plated, for Tab Dimensions 1.50mm x 0.80mm, Wire Size > 1.0mm²-2.0mm²

Series Number : 64323

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing 643231039_sd.pdf

Packaging Design Drawing 313025040-000.pdf

Packaging Design Drawing 313025040-000.pdf

3D Models and Design Files

3D Model 643231039_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; 33
------------	---------------------------------

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(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, for Tab Dimensions 1.50mm x 0.80mm, Wire Size > 1.0mm ² - 2.0mm 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	883906129590

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	Tin
Net Weight	0.340/g
Packaging Type	Reel
Plating min - Mating	1.524µm, 3.048µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.10mm-2.80mm
Wire Size (AWG)	14, 16
Wire Size mm ²	>1.00-2.00

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

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 1.50mm Female Terminals for CMC Connector, 1.00-2.00mm ² Wire	<u>638119000</u>

Extraction Tool for 1.50mm CP Crimp Terminals for CMC Connector	<u>638132300</u>
FineAdjust Applicator	<u>638688100</u>

This document was generated on Sep 15, 2024