



Part Number : 643221219

Product Description : 0.635mm CMC CP
Female Terminal, Tin Plated with Selective
1.27µm Gold in Contact Area, for Square
0.6mm x 0.6mm Pins, Wire Size 0.75mm²

Series Number : 64322

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing 643221219_sd.pdf

Packaging Design Drawing 313025040-000.pdf

3D Models and Design Files

3D Model 643221219_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	Duty-To-Declare
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China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
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 with Selective 1.27µm Gold in Contact Area, for Square 0.6mm x 0.6mm Pins, Wire Size 0.75mm 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	883906129507

Electrical

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

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel
Plating min - Mating	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.60-1.90mm
Wire Size (AWG)	N/A
Wire Size mm ²	0.75

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 CP Crimp 0.6mm Terminal for CMC connector	<u>639022000</u>