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 & 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

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

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)4165-DC (25 June 2025)
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

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 > 1.0mm² -2.0mm²
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 (2.00mm² 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
Wire Insulation Diameter	2.10mm-2.80mm
Wire Size (AWG)	14, 16
Wire Size mm²	>1.00-2.00

Solder Process Data

Lead-Free Process Capability	N/A

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, 1.00-2.00mm² Wire	638119000
Extraction Tool for 1.50mm CP Crimp Terminals for CMC Connector	638132300
FineAdjust Applicator	638688100