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

643221219_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-64322-001-001.pdf

AS-64322-001-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-64322-001-FR-001.pdf

AS-98420-001-FR-001.pdf

PK-98913-001-001.pdf

PS-64326-001-001.pdf

PS-64319-002-001.pdf

Tooling Specifications

CS-64322-001-001.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(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	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 0.75mm²
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 (0.75mm² wire)
Product Name	CMC,CP Terminal
UPC	883906129507

Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	250V AC

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 mm²	0.75

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 0.635mm Female Terminals for CMC Connector, 0.50-0.75mm² Wire	638119200
Extraction Tool for 0.635mm CP Crimp Terminals for CMC Connector	638132400
FineAdjust Applicator for CP Crimp 0.6mm Terminal for CMC connector	639022000
FineAdjust Applicator for CP 0.60mm Crimp Terminals for CMC Connector, 18 AWG	2260452300