molex

Part Number : 643221029
Product Description : 0.635mm CMC CP Female Terminal, Tin Plated, 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 643221029_sd.pdf
Packaging Design Drawing 313025040-000.pdf

3D Models and Design Files
3D Model 643221029_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	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(2023)3788-DC (14 Jun 2023)
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, 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 Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC,CP Terminal
UPC	883906129477

Electrical

Current - Maximum per Contact	6.0A

Voltage - Maximum	14V DC

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.160/g
Packaging Type	Reel
Plating min - Mating	2.000µm
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

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	0638119200
Extraction Tool for 0.635mm CP Crimp Terminals for CMC Connector	0638132400

FineAdjust Applicator for CP Crimp 0.6mm Terminal for CMC connector	0639022000

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