



Part Number : 643241049

Series Number : 64324

Product Category : Crimp Terminals

Product Description : 2.80mm, CMC CP
Female Terminal, Tin plated, for Tab
Dimensions 2.80mm by 0.80mm, Wire Size
0.50-1.00mm²

Status : Active

Documents & Resources

Drawings

Drawing 643241049_sd.pdf

3D Models and Design Files

3D Model 643241049_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-64324-001-001.pdf
- Application Specification AS-64324-001-CH-001.pdf
- Application Specification AS-98420-001-001.pdf
- Application Specification AS-98420-001-CH-001.pdf
- Packaging Specification PK-98910-001-001.pdf

Tooling Specifications

Crimp Specification CS-64324-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
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	64324
Description	2.80mm, CMC CP Female Terminal, Tin plated, for Tab Dimensions 2.80mm by 0.80mm, Wire Size 0.50-1.00mm ²
Application	Automotive, Power, Wire-to-Wire
Comments	Current tested on a fully loaded connector, current for temperature increase of 40°C'; Current max = 21A for 2.80mm Terminal (5.00mm ² wire)
Product Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC,CP Terminal
UPC	883906128425

Electrical

Current - Maximum per Contact	21.0A
Voltage - Maximum	14V DC

Physical

Gender	Female
Material - Metal	High Copper Alloy
Material - Plating Mating	Tin

Material - Plating Termination	Tin
Net Weight	0.470/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40mm-2.15mm
Wire Size (AWG)	18, 20
Wire Size mm ²	0.50-1.00

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>64321</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	<u>638132500</u>
Hand Crimp Tool for CP 2.8 Receptacle 18-20 AWG Type TXL Wire and 0.50-0.75mm ² Type ID & ID Wire with 2.80mm, CMC Wire Seal Receptacle	<u>638193400</u>
Hand Crimp Tool for CP 2.8 Receptacle 1.00mm Type ID & ID Wire with 2.80mm ² , CMC Wire Seal Receptacle	<u>638193500</u>
Hand Crimp Tool for CP 2.8 Receptacle Crimp Terminals	<u>638234300</u>
Mini-Mac Applicator for CP2.8 Terminals, 0.50-1.00mm ² ID & IR Wire	<u>638951200</u>

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