Part Number : 643241029

Product Description : 2.80mm, CMC CP Female Terminal, Tin plated, for Tab Dimensions 2.80mm by 0.80mm, Wire Size > 2.00-3.00mm²

Series Number : 64324

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing 643241029_sd.pdf

3D Models and Design Files

3D Model 643241029_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	Duty-To-Declare
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(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 > 2.00-3.00mm^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	883906127909

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	0.540/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.65-3.45mm
Wire Size (AWG)	12, 14
Wire Size mm^2	>2.00-3.00

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	64321

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for CP 2.8 Receptacle for 2.50-3.00mm Type ID and IR Wire with 2.80mm^2, CMC Wire Seal Receptacle	638119800
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	638132500
Mini-Mac Applicator CP2.8 Crimp Terminals	638951000