



Part Number : [643241039](#)
Product Description : 2.80mm, CMC CP
Female Terminal, Tin plated, for Tab
Dimensions 2.80mm by 0.80mm, Wire Size >
1.00-2.00mm²
Series Number : 64324
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

[Drawing 643241039_sd.pdf](#)

3D Models and Design Files

[3D Model 643241039_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	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
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 > 1.00-2.00mm 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	883906128418

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	0.510/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.10mm-2.80mm
Wire Size (AWG)	14, 16
Wire Size mm ²	0.05-1.31

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
Hand Crimp Tool for CP 2.8 Receptacle 14-16 AWG Type TXL Wire and >1.00-2.00mm ² Type ID & ID Wire with 2.80mm, CMC Wire Seal Receptacle	<u>638119700</u>
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	<u>638132500</u>
Hand Crimp Tool for CP 2.8 Receptacle Crimp Terminals	<u>638234200</u>
Mini-Mac Applicator for CP2.8 Terminals, >1.00-2.00mm ² ID & IR Wire	<u>638951100</u>