

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0643241029](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.80mm, CMC CP Female Terminal, Tin plated, for Tab Dimensions 2.8mm x 0.8mm, Wire Size > 2mm² - 3mm²

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-64324-001-FR-001 (PDF) |
| Drawing (PDF) | Application Specification AS-98420-001-001 (PDF) |
| Product Specification PS-64326-001-001 (PDF) | Application Specification AS-98420-001-CH-001 (PDF) |
| Application Specification AS-64318-002-001 (PDF) | Application Specification AS-98420-001-FR-001 (PDF) |
| Application Specification AS-64318-002-CH-001 (PDF) | Application Specification AS-98420-001-SP-001 (PDF) |
| Application Specification AS-64318-002-FR-001 (PDF) | Packaging Specification 313025040-000 (PDF) |
| Application Specification AS-64318-002-SP-001 (PDF) | Packaging Specification PK-98910-001-001 (PDF) |
| Application Specification AS-64324-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-64324-001-CH-001 (PDF) | |

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 64324 |
| Application | 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), * 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) |
| Crimp Quality Equipment | Yes |
| Overview | CMC and CMX Sealed, Hybrid, Modular Connectors |
| Product Name | CMC, CP Terminal |
| UPC | 883906127909 |

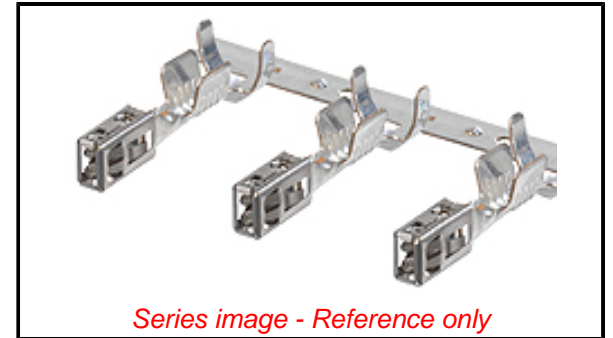
Physical

| | |
|--------------------------------|----------------------|
| Gender | Female |
| Material - Metal | High Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.976/g |
| Packaging Type | Reel |
| Plating min - Mating | 1.016µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 0.51-1.29mm |
| Wire Size AWG | 16, 18, 20, 22, 24 |
| Wire Size mm ² | 0.20-1.30 |

Electrical

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

Solder Process Data



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Not Relevant

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Not Relevant

Compliant

Not Contained

Search Parts in this Series

[64324](#) Series

Mates With

CMC Connector [64318](#) , [64321](#) , [64326](#) , [643251188](#)

Use With

CMC Connector [64318](#) , [64321](#) , [64326](#) , [643251188](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

| | |
|---|---------------------------|
| 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 |
|---|---------------------------|

Lead-free Process Capability

N/A

Extraction Tool 638132500

Mini-Mac Applicator 638951000

CP2.8 Crimp

Terminals

Material Info

Reference - Drawing Numbers

Application Specification

AS-64318-002-001, AS-64318-002-CH-001,
AS-64318-002-FR-001, AS-64318-002-SP-001,
AS-64324-001-001, AS-64324-001-CH-001,
AS-64324-001-FR-001, AS-98420-001-001,
AS-98420-001-CH-001, AS-98420-001-FR-001,
AS-98420-001-SP-001

Crimp Specification

CS-64324-001

Packaging Specification

313025040-000, PK-98910-001-001

Product Specification

PS-64326-001-001

Sales Drawing

SD-64324-001-001

This document was generated on 03/28/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION