

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0643241149](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.80mm, CMC CP Female Terminal, Tin plated, Selective 1.27µm Gold in Contact Area, for Tab Dimensions 2.80mm by 0.80mm, Wire Size 0.50-1.00mm²

Documents:

3D Model	Application Specification AS-64324-001-CH-001 (PDF)
Drawing (PDF)	Application Specification AS-64324-001-FR-001 (PDF)
3D Model (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 PK-98910-001-001 (PDF)
Application Specification AS-64318-002-SP-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-64324-001-001 (PDF)	

General

Product Family	Crimp Terminals
Series	64324
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)
Crimp Quality Equipment	Yes
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC, CP Terminal
UPC	883906128463

Physical

Gender	Female
Material - Metal	High Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Gold
Net Weight	0.470/g
Packaging Type	Reel
Plating min - Mating	1.270µm
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

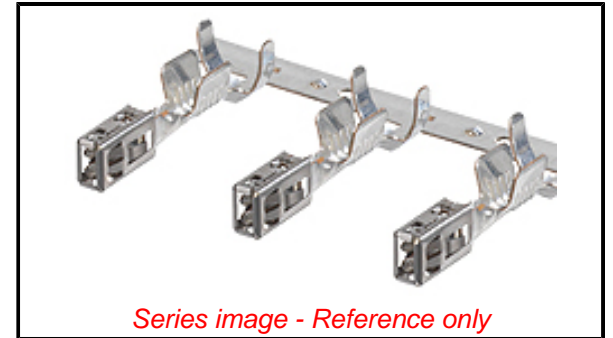
Electrical

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

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

[64324](#) Series

Use With

CMC Connector [64318](#) , [64321](#) , [64326](#) , [643251162](#)

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 #
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	638132500
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	638193400

Reference - Drawing Numbers

Application Specification

Crimp Specification

Packaging Specification

Product Specification

Sales Drawing

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

CS-64324-001-001

PK-98910-001-001

PS-64326-001-001

SD-64324-001-001

2.80mm, CMC Wire

Seal Receptacle

Hand Crimp Tool for [638193500](#)

CP 2.8 Receptacle

1.00mm Type ID

& ID Wire with

2.80mm², CMC Wire

Seal Receptacle

Hand Crimp Tool for [638234300](#)

CP 2.8 Receptacle

Crimp Terminals

Mini-Mac Applicator [638951200](#)

for CP2.8 Terminals,

0.50-1.00mm² ID &

IR Wire

This document was generated on 05/31/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION