

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0643241139](#)
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 > 1.00-2.00mm²

Documents:

3D Model	Application Specification AS-64324-001-001 (PDF)
Drawing (PDF)	Application Specification AS-64324-001-CH-001 (PDF)
3D Model (PDF)	Application Specification AS-64324-001-FR-001 (PDF)
Product Specification PS-64326-001-001 (PDF)	Application Specification AS-98420-001-001 (PDF)
Application Specification AS-64318-002-001 (PDF)	Application Specification AS-98420-001-CH-001 (PDF)
Application Specification AS-64318-002-CH-001 (PDF)	Application Specification AS-98420-001-FR-001 (PDF)
Application Specification AS-64318-002-FR-001 (PDF)	Application Specification AS-98420-001-SP-001 (PDF)
Application Specification AS-64318-002-SP-001 (PDF)	RoHS Certificate of Compliance (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
Taxonomy	Crimp Terminals
UPC	883906128456

Physical

Gender	Female
Material - Metal	High Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Gold
Net Weight	0.510/g
Packaging Type	Reel
Plating min - Mating	1.270µm
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

Electrical

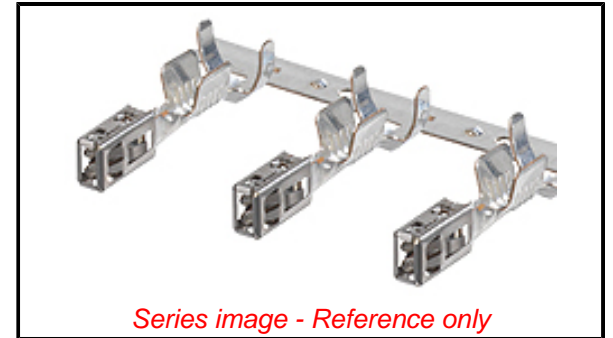
Current - Maximum per Contact	21.0A
Voltage - Maximum	14V DC

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Not Relevant

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Not Relevant

Compliant

Not Contained

Search Parts in this Series

[64324](#) Series

Use With

CMC Connector [64318](#) , [64321](#) , [64326](#) , [643251175](#)

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 14-16 AWG Type TXL Wire and >1.00-2.00mm ² Type ID & ID Wire with 2.80mm, CMC Wire Seal Receptacle	638119700
Extraction Tool for 2.80mm CP Crimp	638132500

Application Specification

Crimp 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
PS-64326-001-001
SD-64324-001-001

Terminals for CMC
connector
Hand Crimp Tool for [638234200](#)
CP 2.8 Receptacle
Crimp Terminals
Mini-Mac Applicator [638951100](#)
for CP2.8 Terminals,
>1.00-2.00mm² ID &
IR Wire

This document was generated on 10/20/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION