

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

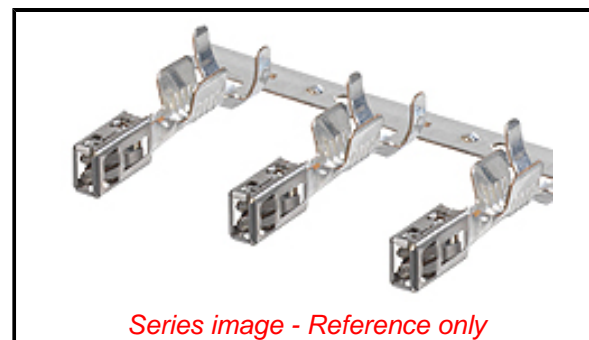
Electrical

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

Solder Process Data

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

Material Info



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Methylhexahydrophthalic
anhydride
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Dioctyltin dilaurate,
stannane, dioctyl-,
bis(co
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
n-pentyl-
isopentylphthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
Terphenyl,
hydrogenated
2-(2H-Benzotriazol-2-
yl)-4,6-
ditertpentylphenol

China RoHS

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-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3, Disodium-octaborate 1,3-Propanesultone 1,2-Benzenedicarboxylic acid, bis(3-methylbutyl) Phenanthrene Dicyclohexyl-phthalate 4-aminoazobenzene Fatty Acids, C16-18, Lead Salts Cyanamide, lead(2+) salt (1:1) Lead titanium zirconium oxide Dioxobis(stearato)trilead Tetralead-trioxide-sulphate Trilead-dioxide-phosphonate Pentalead-tetraoxide-sulphate Lead-titanium-trioxide Diboron-trioxide 1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl) Pentazinc-chromate-octahydroxide Potassium hydroxyoctaoxidizincatedichromate Boric acid, disodium salt, hydrate

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

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 [638132500](#)
2.80mm CP Crimp
Terminals for CMC
connector
Hand Crimp Tool for [638193400](#)
CP 2.8 Receptacle
18-20 AWG Type
TXL Wire and
0.50-0.75mm² Type
ID & ID Wire with
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 10/14/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION