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Part Number: [0643192211](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, CMC Receptacle, 24 Circuits, Left Wire Output, Black Coding, Mat Sealed, Row 1 Closed

Documents:

3D Model	Application Specification AS-98420-002-001 (PDF)
3D Model (PDF)	Application Specification AS-98420-002-CH-001 (PDF)
Drawing (PDF)	Application Specification AS-98420-002-FR-001 (PDF)
Application Specification 984200002-AS-KR-000 (PDF)	Application Specification AS-98420-002-SP-001 (PDF)
Application Specification AS-64319-002-001 (PDF)	Packaging Specification PK-64319-001-001 (PDF)
Application Specification AS-64319-002-CH-001 (PDF)	Datasheet (PDF)
Application Specification AS-64319-002-FR-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-64319-002-SP-001 (PDF)	

Application tooling part link

Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200

General

Product Family	Crimp Housings
Series	64319
Application	Automotive, Power, Wire-to-Board
Comments	Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C . Current max = 6.0A for 0.635mm Terminal (0.75mm ² wire) and 12.0A for 1.50mm Terminal (2.00mm ² wire)

[More Detailed Tech Information](#)

Overview

Product Name	CMC and CMX Sealed, Hybrid, Modular Connectors
UPC	CMC 883906129828

Physical

Circuits (maximum)	24
Circuits Detail	6 x 1.5mm, 18 x 0.635mm terminals
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	29.536/g
Number of Rows	3
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.70mm
Polarized to Mating Part	Yes
Stackable	No



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Relevant

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

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[64319 Series](#)

Mates With

Please contact Molex for details

Use With

CMC CP Terminals [64322](#) (0.635mm),
[64323](#) (1.50mm) . CMC Wire Cap
[643191201](#) . Sealing Plugs [643251010](#) ,
[643251023](#)

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 #
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Continuity Test Pen	638121100
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Assembly

Unlocking Tool	638241200
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for CMC and

Temperature Range - Operating -40° to +125°C

CMX Receptacle
Connector

Electrical

Current - Maximum per Contact 12.0A, 2.5A

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification 984200002-AS-KR-000, AS-64319-002-001,
AS-64319-002-CH-001, AS-64319-002-FR-001,
AS-64319-002-SP-001, AS-98420-002-001,
AS-98420-002-CH-001, AS-98420-002-FR-001,
AS-98420-002-SP-001
Packaging Specification PK-64319-001-001
Sales Drawing 643190003-000, SD-64319-003-001

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[F407400](#) [F444110](#) [F487000](#) [F509500B-B](#) [827153-1](#) [8N1515-32-24P](#) [9-1326729-8](#) [925474-1](#) [928905-1](#) [964562-4](#) [968782-1](#) [GT17SA-8DS-](#)
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