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Part Number: [0643191211](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Left Wire Output, Black Coding, Mat Sealed

Documents:

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

General

Product Family	Crimp Housings
Series	64319
Application	Power, Wire-to-Board
Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200
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 (2.0mm ² wire)
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	883906129736

Physical

Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	29.426/g
Number of Rows	4
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.70mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Electrical

Current - Maximum per Contact	12.0A, 6.0A
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Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info



Series image - Reference only

**EU ELV
Compliant**

**EU RoHS
Compliant**
REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

**Halogen-Free
Status**

Not Relevant

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS
ELV

Not Relevant
Compliant

Search Parts in this Series
64319 Series

Mates With
64334-0100 32-Circuit CMC header

Use With
CMC CP Terminals 64322 , 64323. CMC
Wire Cap 64319-1201. Sealing Plugs
64325-1010 , 64325-1023 , 64334-0100

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 #
Continuity Test Pen Assembly	0638121100

Reference - Drawing Numbers

Application Specification

AS-64319-002, AS-64319-002-CH, AS-64319-002-FR,
AS-64319-002-SP, AS-98420-002, AS-98420-002-CH,
AS-98420-002-FR, AS-98420-002-SP

Packaging Specification

PK-64319-001

Product Specification

PS-64319-001, PS-64319-002

Sales Drawing

SD-64319-001

Unlocking Tool for CMC and CMX Receptacle Connector	<u>0638241200</u>
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