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**Part Number:** [0643191218](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Left Wire Output, Gray Coding, Mat Sealed

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-64319-002-SP (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-98420-002 (PDF)</a>
<a href="#">Product Specification PS-64319-001 (PDF)</a>	<a href="#">Application Specification AS-98420-002-CH (PDF)</a>
<a href="#">Product Specification PS-64319-002 (PDF)</a>	<a href="#">Application Specification AS-98420-002-FR (PDF)</a>
<a href="#">Application Specification AS-64319-002 (PDF)</a>	<a href="#">Application Specification AS-98420-002-SP (PDF)</a>
<a href="#">Application Specification AS-64319-002-CH (PDF)</a>	<a href="#">Packaging Specification PK-64319-001 (PDF)</a>
<a href="#">Application Specification AS-64319-002-FR (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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 <sup>2</sup> wire) and 12.0A for 1.50mm Terminal (2.00mm <sup>2</sup> wire)
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
Overview	<a href="#">CMC and CMX Sealed, Hybrid, Modular Connectors</a>
Product Name	CMC
UPC	883906129750

**Physical**

Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
Color - Resin	Gray
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](mailto: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**  
64333-0100 112-Circuit CMC header

**Use With**  
CMC CP Terminals 64322 , 64323. CMC  
Wire Cap 64319-1201. Sealing Plugs  
64325-1010 , 64325-1023 , 64333-0100

**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	<a href="#">0638121100</a>

**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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