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**Part Number:** [64319-3211](#)  
**Status:** **Active**  
**Overview:** CMC Sealed, Hybrid, Modular Connectors and Headers  
**Description:** .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Black 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	<a href="#">64319</a>
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 Sealed, Hybrid, Modular Connectors and Headers</a>
Product Name	CMC
UPC	883906131135

**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	12A, 6A
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**Material Info**

**Reference - Drawing Numbers**



image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: Yes**

**China RoHS**



Hydrazine  
Dibutyl phthalate  
Diarsenic pentaoxide  
Diarsenic trioxide  
Bis (2-ethyl(hexyl)phthalate) (DEHP)  
Triethyl arsenate  
Benzyl butyl phthalate  
2-Pyrrolidinone, 1-methyl  
2,4-Dinitrotoluene  
Boric acid  
Disodium tetraborate, anhydrous  
Tetraboron disodium heptaoxide, hydrate  
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme  
4,4'-bis(dimethylamino)-4'-(methylamino)trityl  
Diboron trioxide  
#,#-Bis[4-(dimethylamino)phenyl]-4(phenylamino)  
4,4'-bis(dimethylamino)benzophenone (Michlers ke  
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (M  
Formamide  
Silicic acid, barium salt, lead-doped  
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated

Application Specification

Packaging Specification

Product Specification

Sales Drawing

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

PK-64319-001

PS-64319-001, PS-64319-002

SD-64319-001

Heptacosafuorotetradecanoic  
acid

Dinoseb

3-ethyl-2-methyl-2-  
(3-methylbutyl)-1,3-  
oxazolidi

Propylene oxide;

1,2-epoxypropane;

methyloxirane

Methoxy acetic acid

Furan

Henicosafuoroundecanoic  
acid

1,2-Diethoxyethane

Diethyl sulphate

Methylhexahydrophthalic  
anhydride

Diazeno-1,2-

dicarboxamide (C,C'-

azodi(formamide)

N-methylacetamide

Pentacosafuorotridecanoic  
acid

Tricosafuorododecanoic  
acid

Trixylyl phosphate

**Low-Halogen Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

#### Search Parts in this Series

64319Series

#### Mates With

64334-0100 32-Circuit CMC header

64333-0100 112-Circuit CMC Header

502225-0801 80-Circuit CMC Header

#### Use With

CMC CP Terminals [64322](#) , [64323](#). CMC

Wire Cap [64319-1201](#). Sealing Plugs

[64325-1010](#) , [64325-1023](#) , [64334-0100](#) ,

[64333-0100](#) , [5022250801](#)

#### 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 [0638121100](#)

Assembly

Unlocking Tool 0638241200  
for CMC and  
CMX Receptacle  
Connector

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